

POXXXX

OBD2 CODE LIST

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POOXX

Fuel - Air Metering & Auxiliary Emission Control



Code	Definition
P0000	No fault
P0001	Fuel volume regulator control -circuit open
P0002	Fuel volume regulator control -circuit range/performance
P0003	Fuel volume regulator control -circuit low
P0004	Fuel volume regulator control -circuit high
P0005	Fuel shut -off valve -circuit open
P0006	Fuel shut -off valve -circuit low
P0007	Fuel shut -off valve -circuit high
P0008	Engine position system, bank 1-engine performance
P0009	Engine position system, bank 2 -engine performance
P000A	A Camshaft Position Slow Response
P000B	B Camshaft Position Slow Response
P000C	A Camshaft Position Slow Response
P000D	B Camshaft Position Slow Response
P000E	Fuel Volume Regulator Control Exceeded Learning Limit
P000F	Fuel System Over Pressure Relief Valve Activated
P0010	Camshaft position (CMP) actuator, intake/left/front, bank 1 circuit malfunction
P0011	Camshaft position (CMP), intake/left/front, bank 1 timing over advanced/system performance
P0012	Camshaft position (CMP), intake/left/front, bank 1 timing over -retarded
P0013	Camshaft position (CMP) actuator, exhaust/right/rear, bank 1 -circuit malfunction
P0014	Camshaft position (CMP) actuator, exhaust/right/rear, bank 1 -timing over -advanced/system performance
P0015	Camshaft position (CMP) actuator, exhaust/right/rear, bank 1 -timing over -retarded
P0016	Crankshaft position/camshaft position, bank 1 sensor A - correlation

P0017	Crankshaft position/camshaft position, bank 1 sensor B - correlation
P0018	Crankshaft position/camshaft position, bank 2 sensor A - correlation
P0019	Crankshaft position/camshaft position, bank 2 sensor B - correlation
P001A	A Camshaft Profile Control Circuit/Open
P001B	A Camshaft Profile Control Circuit Low
P001C	A Camshaft Profile Control Circuit High
P001D	A Camshaft Profile Control Circuit/Open
P001E	A Camshaft Profile Control Circuit Low
P001F	A Camshaft Profile Control Circuit High
P0020	Camshaft position (CMP) ·actuator, intake/left/front, bank 2 -circuit malfunction
P0021	Camshaft position (CMP); intake/left/front, bank 2 timing over -advanced/system performance
P0022	Camshaft position (CMP), intake/left/front, bank 2. timing over -retarded
P0023	Camshaft position (CMP) actuator, exhaust/right/rear, bank 2 -circuit malfunction
P0024	Camshaft position (CMP), exhaust/right/rear, bank 2 -timing over -advanced/system performance
P0025	Camshaft position (CMP), exhaust/right/rear, bank 2 -timing over -retarded
P0026	Intake valve control solenoid circuit, bank 1 range/performance
P0027	Exhaust valve control solenoid circuit, bank 1 range/performance
P0028	Intake valve control solenoid circuit, bank 2 range/performance
P0029	Exhaust valve control solenoid circuit, bank 2 range/performance

P002A	B Camshaft Profile Control Circuit/Open
P002B	B Camshaft Profile Control Circuit Low
P002C	B Camshaft Profile Control Circuit High
P002D	B Camshaft Profile Control Circuit/Open
P002E	B Camshaft Profile Control Circuit Low
P002F	B Camshaft Profile Control Circuit High
P0030	Heated oxygen sensor (HO2S) 1, bank 1, heater control - circuit malfunction
P0031	Heated oxygen sensor (HO2S) 1, bank 1, heater control - circuit low
P0032	Heated oxygen sensor (HO2S) 1, bank 1, heater control - circuit high
P0033	Turbocharger (TC) wastegate regulating valve -circuit malfunction
P0034	Turbocharger (TC) wastegate regulating valve -circuit low
P0035	Turbocharger (TC) wastegate regulating valve -circuit high
P0036	Heated oxygen sensor (HO2S) 2, bank 1, heater control - circuit malfunction
P0037	Heated oxygen sensor (HO2S) 2, bank 1, heater control - circuit low
P0038	Heated oxygen sensor (HO2S) 2, bank 1, heater control - circuit high
P0039	Turbo/super charger bypass valve, control circuit range/performance
P003A	Turbocharger/Supercharger Boost Control "A" Position Exceeded Learning Limit
P003B	Turbocharger/Supercharger Boost Control "B" Position Exceeded Learning Limit
P003C	A Camshaft Profile Control Performance/Stuck Off
P003D	A Camshaft Profile Control Stuck On
P003E	A Camshaft Profile Control Performance/Stuck Off
P003F	A Camshaft Profile Control Stuck On

P0040	Oxygen sensor signals swapped, bank 1 sensor 1/bank 2 sensor 1
P0041	Oxygen sensor signals swapped, bank 1 sensor 2/bank 2 sensor 2
P0042	Heated oxygen sensor (HO2S) 3, bank 1, heater control - circuit malfunction
P0043	Heated oxygen sensor (HO2S) 3, bank 1, heater control circuit low
P0044	Heated oxygen sensor (HO2S) 3, bank 1, heater control - circuit high
P0045	Turbo/super charger boost control solenoid -circuit open
P0046	Turbo/super charger boost control solenoid circuit range/performance
P0047	Turbo/super charger boost control solenoid -circuit low
P0048	Turbo/super charger boost control solenoid -circuit high
P0049	Turbo/super charger turbine -over -speed
P004A	Turbocharger/Supercharger Boost Control "B" Circuit/Open
P004B	Turbocharger/Supercharger Boost Control "B" Circuit Range/Performance
P004C	Turbocharger/Supercharger Boost Control "B" Circuit Low
P004D	Turbocharger/Supercharger Boost Control "B" Circuit High
P004E	Turbocharger/Supercharger Boost Control "A" Circuit Intermittent/Erratic
P004F	Turbocharger/Supercharger Boost Control "B" Circuit Intermittent/Erratic
P0050	Heated oxygen sensor (HO2S) 1, bank 2, heater control circuit malfunction
P0051	Heated oxygen sensor (HO2S) 1, bank 2, heater control - circuit low
P0052	Heated oxygen sensor (HO2S) 1, bank 2, heater control - circuit high

P0053	Heated oxygen sensor (HO2S), bank 1, sensor 1 -heater resistance
P0054	Heated oxygen sensor (HO2S), bank 1, sensor 2 -heater resistance
P0055	Heated oxygen sensor (HO2S), bank 1, sensor 3 -heater resistance
P0056	Heated oxygen sensor (HO2S) 2, bank 2, heater control - circuit malfunction
P0057	Heated oxygen sensor (HO2S) 2, bank 2, heater control heater circuit low
P0058	Heated oxygen sensor (HO2S) 2, bank 2, heater control circuit high
P0059	Heated oxygen sensor (HO2S), bank 2, sensor 1 -heater resistance
P005A	B Camshaft Profile Control Performance/Stuck Off
P005B	B Camshaft Profile Control Stuck On
P005C	B Camshaft Profile Control Performance/Stuck Off
P005D	B Camshaft Profile Control Stuck On
P005E	Turbocharger/Supercharger Boost Control "B" Supply Voltage Circuit Low
P005F	Turbocharger/Supercharger Boost Control "B" Supply Voltage Circuit High
P0060	Heated oxygen sensor (HO2S), bank 2, sensor 2 -heater resistance
P0061	Heated oxygen sensor (HO2S), bank 2, sensor 3 -heater resistance
P0062	Heated oxygen sensor (HO2S) 3, bank 2, heater control circuit malfunction
P0063	Heated oxygen sensor (HO2S) 3, bank 2, heater control circuit low
P0064	Heated oxygen sensor (HO2S) 3, bank 2, heater control circuit high

P0065	Air assisted injector -range/performance problem
P0066	Air assisted injector -circuit malfunction/circuit low
P0067	Air assisted injector -circuit high
P0068	Manifold absolute pressure (MAP) sensor/mass air flow (MAF) sensor/throttle position correlation
P0069	Manifold absolute pressure (MAP) sensor/barometric pressure (BARO) sensor correlation
P006A	MAP - Mass or Volume Air Flow Correlation
P006B	MAP - Exhaust Pressure Correlation
P006C	MAP - Turbocharger/Supercharger Inlet Pressure Correlation
P006D	Barometric Pressure - Turbocharger/Supercharger Inlet Pressure Correlation
P006E	Turbocharger/Supercharger Boost Control "A" Supply Voltage Circuit Low
P006F	Turbocharger/Supercharger Boost Control "A" Supply Voltage Circuit High
P0070	Outside air temperature sensor -circuit malfunction
P0071	Outside air temperature sensor -range/performance problem
P0072	Outside air temperature sensor -low input
P0073	Outside air temperature sensor -high input
P0074	Outside air temperature sensor -circuit intermittent
P0075	Intake valve control solenoid, bank 1 -circuit malfunction
P0076	Intake valve control solenoid, bank 1 -circuit low
P0077	Intake valve control solenoid, bank 1 -circuit high
P0078	Exhaust valve control solenoid, bank 1 -circuit malfunction
P0079	Exhaust valve control solenoid, bank 1 -circuit low
P007A	Charge Air Cooler Temperature Sensor Circuit

P007B	Charge Air Cooler Temperature Sensor Circuit Range/Performance
P007C	Charge Air Cooler Temperature Sensor Circuit Low
P007D	Charge Air Cooler Temperature Sensor Circuit High
P007E	Charge Air Cooler Temperature Sensor Circuit Intermittent/Erratic
P007F	Charge Air Cooler Temperature Sensor Bank1/Bank2 Correlation
P0080	Exhaust valve control solenoid, bank 1 -circuit high
P0081	Intake valve control solenoid, bank 2 -circuit malfunction
P0082	Intake valve control solenoid, bank 2 -circuit low
P0083	Intake valve control solenoid, bank 2 -circuit high
P0084	Exhaust valve control solenoid, bank 2 -circuit malfunction
P0085	Exhaust valve control solenoid, bank 2 -circuit low
P0086	Exhaust valve control solenoid, bank 2 -circuit high
P0087	Fuel rail/system pressure too low
P0088	Fuel rail/system pressure too high
P0089	Fuel pressure regulator -performance problem
P008A	Low Pressure Fuel System Pressure - Too Low
P008B	Low Pressure Fuel System Pressure - Too High
P008C	Fuel Cooler Pump Control Circuit/Open
P008D	Fuel Cooler Pump Control Circuit Low
P008E	Fuel Cooler Pump Control Circuit High
P008F	Engine Coolant Temperature/Fuel Temperature Correlation
P0090	Fuel metering solenoid -open circuit
P0091	Fuel metering solenoid - -short to earth
P0092	Fuel metering solenoid -short to positive
P0093	Fuel system leak -large leak detected
P0094	Fuel system leak -small leak detected
P0095	Intake air temperature (IAT) sensor 2 -circuit malfunction

P0096	Intake air temperature (IAT) sensor 2 -circuit range/performance
P0097	Intake air temperature (IAT) sensor 2 -circuit low input
P0098	Intake air temperature (IAT) sensor 2 -circuit high input
P0099	Intake air temperature (IAT) sensor 2 -circuit intermittent/erratic
P009A	Intake Air Temperature/Ambient Air Temperature Correlation
P009B	Fuel Pressure Relief Control Circuit/Open
P009C	Fuel Pressure Relief Control Circuit Low
P009D	Fuel Pressure Relief Control Circuit High
P009E	Fuel Pressure Relief Control Performance/Stuck Off
P009F	Fuel Pressure Relief Control Stuck On
P00A0	Charge Air Cooler Temperature Sensor Circuit
P00A1	Charge Air Cooler Temperature Sensor Circuit Range/Performance
P00A2	Charge Air Cooler Temperature Sensor Circuit Low
P00A3	Charge Air Cooler Temperature Sensor Circuit High
P00A4	Charge Air Cooler Temperature Sensor Circuit Intermittent/Erratic
P00A5	Intake Air Temperature Sensor 2 Circuit
P00A6	Intake Air Temperature Sensor 2 Circuit Range/Performance
P00A7	Intake Air Temperature Sensor 2 Circuit Low
P00A8	Intake Air Temperature Sensor 2 Circuit High
P00A9	Intake Air Temperature Sensor 2 Circuit Intermittent/Erratic
P00AA	Intake Air Temperature Sensor 1 Circuit
P00AB	Intake Air Temperature Sensor 1 Circuit Range/Performance
P00AC	Intake Air Temperature Sensor 1 Circuit Low
P00AD	Intake Air Temperature Sensor 1 Circuit High

P00AE	Intake Air Temperature Sensor 1 Circuit Intermittent
P00AF	Turbocharger/Supercharger Boost Control "A" Module Performance
P00BO	Turbocharger/Supercharger Boost Control "B" Module Performance
P00B1	Radiator Coolant Temperature Sensor Circuit
P00B2	Radiator Coolant Temperature Sensor Circuit Range/Performance
P00B3	Radiator Coolant Temperature Sensor Circuit Low
P00B4	Radiator Coolant Temperature Sensor Circuit High
P00B5	Radiator Coolant Temperature Sensor Circuit Intermittent/Erratic
P00B6	Radiator Coolant Temperature/Engine Coolant Temperature Correlation
P00B7	Engine Coolant Flow Low/Performance
P00B8	MAP - Mass or Volume Air Flow Correlation
P00B9	Low Pressure Fuel System Pressure - Too Low
P00BA	Low Fuel Pressure - Forced Limited Power
P00BB	Fuel Injector Insufficient Flow - Forced Limited Power
P00BC	Mass or Volume Air Flow "A" Circuit Range/Performance - Air Flow Too Low
P00BD	Mass or Volume Air Flow "A" Circuit Range/Performance - Air Flow Too High
P00BE	Mass or Volume Air Flow "B" Circuit Range/Performance - Air Flow Too Low
P00BF	Mass or Volume Air Flow "B" Circuit Range/Performance - Air Flow Too High
P00CO – P00FF	ISO/SAE Reserved
P00C6	Fuel Rail Pressure Low During Cranking
P00FF	Fuel / Air auxillary system

PO1XX

Fuel - Air Metering



Code	Definition
P0100	Mass or Volume Air Flow "A" Circuit
P0101	Mass or Volume Air Flow "A" Circuit Range/Performance
P0102	Mass or Volume Air Flow "A" Circuit Low
P0103	Mass or Volume Air Flow "A" Circuit High
P0104	Mass or Volume Air Flow "A" Circuit Intermittent
P0105	Manifold Absolute Pressure/Barometric Pressure Circuit
P0106	Manifold Absolute Pressure/Barometric Pressure Circuit
P0107	Manifold Absolute Pressure/Barometric Pressure Circuit Low
P0108	Manifold Absolute Pressure/Barometric Pressure Circuit High
P0109	Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent
P010A	Mass or Volume Air Flow "B" Circuit
P010B	Mass or Volume Air Flow "B" Circuit Range/Performance
P010C	Mass or Volume Air Flow "B" Circuit Low
P010D	Mass or Volume Air Flow "B" Circuit High
P010E	Mass or Volume Air Flow "B" Circuit Intermittent/Erratic
P010F	Mass or Volume Air Flow Sensor A/B Correlation
P0110	Intake Air Temperature Sensor 1 Circuit
P0111	Intake Air Temperature Sensor 1 Circuit Range/Performance
P0112	Intake Air Temperature Sensor 1 Circuit Low
P0113	Intake Air Temperature Sensor 1 Circuit High
P0114	Intake Air Temperature Sensor 1 Circuit Intermittent
P0115	Engine Coolant Temperature Sensor 1 Circuit
P0116	Engine Coolant Temperature Sensor 1 Circuit Range/Performance
P0117	Engine Coolant Temperature Sensor 1 Circuit Low
P0118	Engine Coolant Temperature Sensor 1 Circuit High

P0119	Engine Coolant Temperature Sensor 1 Circuit Intermittent
P011A	Engine Coolant Temperature Sensor 1/2 Correlation
P011B	Engine Coolant Temperature/Intake Air Temperature Correlation
P011C	Charge Air Temperature/Intake Air Temperature Correlation
P011D	Charge Air Temperature/Intake Air Temperature Correlation
P0120	Throttle/Pedal Position Sensor/Switch "A" Circuit
P0121	Throttle/Pedal Position Sensor/Switch "A" Circuit
P0122	Throttle/Pedal Position Sensor/Switch "A" Circuit Low
P0123	Throttle/Pedal Position Sensor/Switch "A" Circuit High
P0124	Throttle/Pedal Position Sensor/Switch "A" Circuit Intermittent
P0125	Insufficient Coolant Temperature for Closed Loop Fuel Control
P0126	Insufficient Coolant Temperature for Stable Operation
P0127	Intake Air Temperature Too High
P0128	Coolant Thermostat (Coolant Temperature Below Thermostat)
P0129	Barometric Pressure Too Low
P012A	Turbocharger/Supercharger Inlet Pressure Sensor Circuit
P012B	Turbocharger/Supercharger Inlet Pressure Sensor Circuit
P012C	Turbocharger/Supercharger Inlet Pressure Sensor Circuit Low
P012D	Turbocharger/Supercharger Inlet Pressure Sensor Circuit High
P012E	Turbocharger/Supercharger Inlet Pressure Sensor Circuit
P0130	O2 Sensor Circuit
P0131	O2 Sensor Circuit Low Voltage
P0132	O2 Sensor Circuit High Voltage
P0133	O2 Sensor Circuit Slow Response

P0134	O2 Sensor Circuit no Activity Detected
P0135	O2 Sensor Heater Circuit
P0136	O2 Sensor Circuit
P0137	O2 Sensor Circuit Low Voltage
P0138	O2 Sensor Circuit High Voltage
P0139	O2 Sensor Circuit Slow Response
P013A	O2 Sensor Slow Response - Rich to Lean
P013B	O2 Sensor Slow Response - Lean to Rich
P013C	O2 Sensor Slow Response - Rich to Lean
P013D	O2 Sensor Slow Response - Lean to Rich
P013E	O2 Sensor Delayed Response - Rich to Lean
P013F	O2 Sensor Delayed Response - Lean to Rich
P0140	O2 Sensor Circuit no Activity Detected
P0141	O2 Sensor Heater Circuit
P0142	O2 Sensor Circuit
P0143	O2 Sensor Circuit Low Voltage
P0144	O2 Sensor Circuit High Voltage
P0145	O2 Sensor Circuit Slow Response
P0146	O2 Sensor Circuit no Activity Detected
P0147	O2 Sensor Heater Circuit
P0148	Fuel Delivery Error
P0149	Fuel Timing Error
P014A	O2 Sensor Delayed Response - Rich to Lean
P014B	O2 Sensor Delayed Response - Lean to Rich
P014C	O2 Sensor Slow Response - Rich to Lean
P014D	O2 Sensor Slow Response - Lean to Rich
P014E	O2 Sensor Slow Response - Rich to Lean
P014F	O2 Sensor Slow Response - Lean to Rich
P0150	O2 Sensor Circuit
P0151	O2 Sensor Circuit Low Voltage

P0152	O2 Sensor Circuit High Voltage
P0153	O2 Sensor Circuit Slow Response
P0154	O2 Sensor Circuit no Activity Detected
P0155	O2 Sensor Heater Circuit
P0156	O2 Sensor Circuit
P0157	O2 Sensor Circuit Low Voltage
P0158	O2 Sensor Circuit High Voltage
P0159	O2 Sensor Circuit Slow Response
P015A	O2 Sensor Delayed Response - Rich to Lean
P015B	O2 Sensor Delayed Response - Lean to Rich
P015C	O2 Sensor Delayed Response - Rich to Lean
P015D	O2 Sensor Delayed Response - Lean to Rich
P0160	O2 Sensor Circuit no Activity Detected
P0161	O2 Sensor Heater Circuit
P0162	O2 Sensor Circuit
P0163	O2 Sensor Circuit Low Voltage
P0164	O2 Sensor Circuit High Voltage
P0165	O2 Sensor Circuit Slow Response
P0166	O2 Sensor Circuit no Activity Detected
P0167	O2 Sensor Heater Circuit
P0168	Fuel Temperature Too High
P0169	Incorrect Fuel Composition
P0170	Fuel Trim
P0171	System Too Lean
P0172	System Too Rich
P0173	Fuel Trim
P0174	System Too Lean
P0175	System Too Rich
P0176	Fuel Composition Sensor Circuit
P0177	Fuel Composition Sensor Circuit Range/Performance

P0178	Fuel Composition Sensor Circuit Low
P0179	Fuel Composition Sensor Circuit High
P0180	Fuel Temperature Sensor "A" Circuit
P0181	Fuel Temperature Sensor "A" Circuit Range/Performance
P0182	Fuel Temperature Sensor "A" Circuit Low
P0183	Fuel Temperature Sensor "A" Circuit High
P0184	Fuel Temperature Sensor "A" Circuit Intermittent
P0185	Fuel Temperature Sensor "B" Circuit
P0186	Fuel Temperature Sensor "B" Circuit Range/Performance
P0187	Fuel Temperature Sensor "B" Circuit Low
P0188	Fuel Temperature Sensor "B" Circuit High
P0189	Fuel Temperature Sensor "B" Circuit Intermittent
P018A	Fuel Pressure Sensor "B" Circuit
P018B	Fuel Pressure Sensor "B" Circuit Range/Performance
P018C	Fuel Pressure Sensor "B" Circuit Low
P018D	Fuel Pressure Sensor "B" Circuit High
P018E	Fuel Pressure Sensor "B" Circuit Intermittent/Erratic
P018F	Fuel System Over Pressure Relief Valve Frequent Activation
P0190	Fuel Rail Pressure Sensor "A" Circuit
P0191	Fuel Rail Pressure Sensor "A" Circuit Range/Performance
P0192	Fuel Rail Pressure Sensor "A" Circuit Low
P0193	Fuel Rail Pressure Sensor "A" Circuit High
P0194	Fuel Rail Pressure Sensor "A" Circuit Intermittent/Erratic
P0195	Engine Oil Temperature Sensor Circuit
P0196	Engine Oil Temperature Sensor Range/Performance
P0197	Engine Oil Temperature Sensor Circuit Low
P0198	Engine Oil Temperature Sensor Circuit High
P0199	Engine Oil Temperature Sensor Circuit Intermittent/Erratic

PO2XX

Fuel - Air Metering & Injector Circuit



Code	Definition
P0200	Injector Circuit/Open
P0201	Injector Circuit/Open - Cylinder 1
P0202	Injector Circuit/Open - Cylinder 2
P0203	Injector Circuit/Open - Cylinder 3
P0204	Injector Circuit/Open - Cylinder 4
P0205	Injector Circuit/Open - Cylinder 5
P0206	Injector Circuit/Open - Cylinder 6
P0207	Injector Circuit/Open - Cylinder 7
P0208	Injector Circuit/Open - Cylinder 8
P0209	Injector Circuit/Open - Cylinder 9
P020A	Cylinder 1 Injection Timing
P020B	Cylinder 2 Injection Timing
P020C	Cylinder 3 Injection Timing
P020D	Cylinder 4 Injection Timing
P020E	Cylinder 5 Injection Timing
P020F	Cylinder 6 Injection Timing
P0210	Injector Circuit/Open - Cylinder 10
P0211	Injector Circuit/Open - Cylinder 11
P0212	Injector Circuit/Open - Cylinder 12
P0213	Cold Start Injector 1
P0214	Cold Start Injector 2
P0215	Engine Shutoff Solenoid

P0216	Injector/Injection Timing Control Circuit
P0217	Engine Coolant Over Temperature Condition
P0218	Transmission Fluid Over Temperature Condition
P0219	Engine Overspeed Condition
P021A	Cylinder 7 Injection Timing
P021B	Cylinder 8 Injection Timing
P021C	Cylinder 9 Injection Timing
P021D	Cylinder 10 Injection Timing
P021E	Cylinder 11 Injection Timing
P021F	Cylinder 12 Injection Timing
P0220	Throttle/Pedal Position Sensor/Switch "B" Circuit
P0221	Throttle/Pedal Position Sensor/Switch "B" Circuit
P0222	Throttle/Pedal Position Sensor/Switch "B" Circuit Low
P0223	Throttle/Pedal Position Sensor/Switch "B" Circuit High
P0224	Throttle/Pedal Position Sensor/Switch "B" Circuit Intermittent
P0225	Throttle/Pedal Position Sensor/Switch "C" Circuit
P0226	Throttle/Pedal Position Sensor/Switch "C" Circuit
P0227	Throttle/Pedal Position Sensor/Switch "C" Circuit Low
P0228	Throttle/Pedal Position Sensor/Switch "C" Circuit High
P0229	Throttle/Pedal Position Sensor/Switch "C" Circuit Intermittent
P022A	Charge Air Cooler Bypass Control "A" Circuit /Open
P022B	Charge Air Cooler Bypass Control "A" Circuit Low

P022C	Charge Air Cooler Bypass Control "A" Circuit High
P022D	Charge Air Cooler Bypass Control "B" Circuit /Open
P022E	Charge Air Cooler Bypass Control "B" Circuit Low
P022F	Charge Air Cooler Bypass Control "B" Circuit High
P0230	Fuel Pump Primary Circuit
P0231	Fuel Pump Secondary Circuit Low
P0232	Fuel Pump Secondary Circuit High
P0233	Fuel Pump Secondary Circuit Intermittent
P0234	Turbocharger/Supercharger "A" Overboost Condition
P0235	Turbocharger/Supercharger Boost Sensor "A" Circuit
P0236	Turbocharger/Supercharger Boost Sensor "A" Circuit
P0237	Turbocharger/Supercharger Boost Sensor "A" Circuit Low
P0238	Turbocharger/Supercharger Boost Sensor "A" Circuit High
P0239	Turbocharger/Supercharger Boost Sensor "B" Circuit
P023A	Charge Air Cooler Coolant Pump Control Circuit/Open
P023B	Charge Air Cooler Coolant Pump Control Circuit Low
P023C	Charge Air Cooler Coolant Pump Control Circuit High
P023D	Manifold Absolute Pressure - Turbocharger/Supercharger Boost
P023E	Manifold Absolute Pressure - Turbocharger/Supercharger Boost
P023F	Fuel Pump Secondary Circuit/Open
P0240	Turbocharger/Supercharger Boost Sensor "B" Circuit
P0241	Turbocharger/Supercharger Boost Sensor "B" Circuit Low

P0242	Turbocharger/Supercharger Boost Sensor "B" Circuit High
P0243	Turbocharger/Supercharger Wastegate Solenoid "A"
P0244	Turbocharger/Supercharger Wastegate Solenoid "A"
P0245	Turbocharger/Supercharger Wastegate Solenoid "A" Low
P0246	Turbocharger/Supercharger Wastegate Solenoid "A" High
P0247	Turbocharger/Supercharger Wastegate Solenoid "B"
P0248	Turbocharger/Supercharger Wastegate Solenoid "B"
P0249	Turbocharger/Supercharger Wastegate Solenoid "B" Low
P024A	Charge Air Cooler Bypass Control "A" Range/Performance
P024B	Charge Air Cooler Bypass Control "A" Stuck
P024C	Charge Air Cooler Bypass Position Sensor "A" Circuit
P024D	Charge Air Cooler Bypass Position Sensor "A" Circuit
P024E	Charge Air Cooler Bypass Position Sensor "A" Circuit Low
P024F	Charge Air Cooler Bypass Position Sensor "A" Circuit High
P0250	Turbocharger/Supercharger Wastegate Solenoid "B" High
P0251	Injection Pump Fuel Metering Control "A" (Cam/Rotor/Injector)
P0252	Injection Pump Fuel Metering Control "A" Range/Performance
P0253	Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)
P0254	Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)
P0255	Injection Pump Fuel Metering Control "A" Intermittent
P0256	Injection Pump Fuel Metering Control "B" (Cam/Rotor/Injector)

P0257	Injection Pump Fuel Metering Control "B" Range/Performance
P0258	Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)
P0259	Injection Pump Fuel Metering Control "B" High (Cam/Rotor/Injector)
P025A	Fuel Pump Module Control Circuit/Open
P025B	Fuel Pump Module Control Circuit Range/Performance
P025C	Fuel Pump Module Control Circuit Low
P025D	Fuel Pump Module Control Circuit High
P0260	Injection Pump Fuel Metering Control "B" Intermittent
P0261	Cylinder 1 Injector Circuit Low
P0262	Cylinder 1 Injector Circuit High
P0263	Cylinder 1 Contribution/Balance
P0264	Cylinder 2 Injector Circuit Low
P0265	Cylinder 2 Injector Circuit High
P0266	Cylinder 2 Contribution/Balance
P0267	Cylinder 3 Injector Circuit Low
P0268	Cylinder 3 Injector Circuit High
P0269	Cylinder 3 Contribution/Balance
P0270	Cylinder 4 Injector Circuit Low
P0271	Cylinder 4 Injector Circuit High
P0272	Cylinder 4 Contribution/Balance
P0273	Cylinder 5 Injector Circuit Low
P0274	Cylinder 5 Injector Circuit High

P0275	Cylinder 5 Contribution/Balance
P0276	Cylinder 6 Injector Circuit Low
P0277	Cylinder 6 Injector Circuit High
P0278	Cylinder 6 Contribution/Balance
P0279	Cylinder 7 Injector Circuit Low
P0280	Cylinder 7 Injector Circuit High
P0281	Cylinder 7 Contribution/Balance
P0282	Cylinder 8 Injector Circuit Low
P0283	Cylinder 8 Injector Circuit High
P0284	Cylinder 8 Contribution/Balance
P0285	Cylinder 9 Injector Circuit Low
P0286	Cylinder 9 Injector Circuit High
P0287	Cylinder 9 Contribution/Balance
P0288	Cylinder 10 Injector Circuit Low
P0289	Cylinder 10 Injector Circuit High
P0290	Cylinder 10 Contribution/Balance
P0291	Cylinder 11 Injector Circuit Low
P0292	Cylinder 11 Injector Circuit High
P0293	Cylinder 11 Contribution/Balance
P0294	Cylinder 12 Injector Circuit Low
P0295	Cylinder 12 Injector Circuit High
P0296	Cylinder 12 Contribution/Balance
P0297	Vehicle Overspeed Condition

P0298	Engine Oil Over Temperature
P0299	Turbocharger/Supercharger "A" Underboost Condition
P029A	Cylinder 1 - Fuel Trim at Max Limit
P029B	Cylinder 1 - Fuel Trim at Min Limit
P029C	Cylinder 1 - Injector Restricted
P029D	Cylinder 1 - Injector Leaking
P029E	Cylinder 2 - Fuel Trim at Max Limit
P029F	Cylinder 2 - Fuel Trim at Min Limit
P02A0	Cylinder 2 - Injector Restricted
P02A1	Cylinder 2 - Injector Leaking
P02A2	Cylinder 3 - Fuel Trim at Max Limit
P02A3	Cylinder 3 - Fuel Trim at Min Limit
P02A4	Cylinder 3 - Injector Restricted
P02A5	Cylinder 3 - Injector Leaking
P02A6	Cylinder 4 - Fuel Trim at Max Limit
P02A7	Cylinder 4 - Fuel Trim at Min Limit
P02A8	Cylinder 4 - Injector Restricted
P02A9	Cylinder 4 - Injector Leaking
P02AA	Cylinder 5 - Fuel Trim at Max Limit
P02AB	Cylinder 5 - Fuel Trim at Min Limit
P02AC	Cylinder 5 - Injector Restricted
P02AD	Cylinder 5 - Injector Leaking
P02AE	Cylinder 6 - Fuel Trim at Max Limit

P02AF	Cylinder 6 - Fuel Trim at Min Limit
P02B0	Cylinder 6 - Injector Restricted
P02B1	Cylinder 6 - Injector Leaking
P02B2	Cylinder 7 - Fuel Trim at Max Limit
P02B3	Cylinder 7 - Fuel Trim at Min Limit
P02B4	Cylinder 7 - Injector Restricted
P02B5	Cylinder 7 - Injector Leaking
P02B6	Cylinder 8 - Fuel Trim at Max Limit
P02B7	Cylinder 8 - Fuel Trim at Min Limit
P02B8	Cylinder 8 - Injector Restricted
P02B9	Cylinder 8 - Injector Leaking
P02BA	Cylinder 9 - Fuel Trim at Max Limit
P02BB	Cylinder 9 - Fuel Trim at Min Limit
P02BC	Cylinder 9 - Injector Restricted
P02BD	Cylinder 9 - Injector Leaking
P02BE	Cylinder 10 - Fuel Trim at Max Limit
P02BF	Cylinder 10 - Fuel Trim at Min Limit
P02C0	Cylinder 10 - Injector Restricted
P02C1	Cylinder 10 - Injector Leaking
P02C2	Cylinder 11 - Fuel Trim at Max Limit
P02C3	Cylinder 11 - Fuel Trim at Min Limit
P02C4	Cylinder 11 - Injector Restricted
P02C5	Cylinder 11 - Injector Leaking

P02C6	Cylinder 12 - Fuel Trim at Max Limit
P02C7	Cylinder 12 - Fuel Trim at Min Limit
P02C8	Cylinder 12 - Injector Restricted
P02C9	Cylinder 12 - Injector Leaking
P02CA	Turbocharger/Supercharger "B" Overboost Condition
P02CB	Turbocharger/Supercharger "B" Underboost Condition
P02CC	Cylinder 1 Fuel Injector Offset Learning At Min Limit
P02CD	Cylinder 1 Fuel Injector Offset Learning At Max Limit
P02CE	Cylinder 2 Fuel Injector Offset Learning At Min Limit
P02CF	Cylinder 2 Fuel Injector Offset Learning At Max Limit
P02D0	Cylinder 3 Fuel Injector Offset Learning At Min Limit
P02D1	Cylinder 3 Fuel Injector Offset Learning At Max Limit
P02D2	Cylinder 4 Fuel Injector Offset Learning At Min Limit
P02D3	Cylinder 4 Fuel Injector Offset Learning At Max Limit
P02D4	Cylinder 5 Fuel Injector Offset Learning At Min Limit
P02D5	Cylinder 5 Fuel Injector Offset Learning At Max Limit
P02D6	Cylinder 6 Fuel Injector Offset Learning At Min Limit
P02D7	Cylinder 6 Fuel Injector Offset Learning At Max Limit
P02D8	Cylinder 7 Fuel Injector Offset Learning At Min Limit
P02D9	Cylinder 7 Fuel Injector Offset Learning At Max Limit
P02DA	Cylinder 8 Fuel Injector Offset Learning At Min Limit
P02DB	Cylinder 8 Fuel Injector Offset Learning At Max Limit
P02DC	Cylinder 9 Fuel Injector Offset Learning At Min Limit

P02DD	Cylinder 9 Fuel Injector Offset Learning At Max Limit
P02DE	Cylinder 10 Fuel Injector Offset Learning At Min Limit
P02DF	Cylinder 10 Fuel Injector Offset Learning At Max Limit
P02E0	Diesel Intake Air Flow Control Circuit/Open
P02E1	Diesel Intake Air Flow Control Performance
P02E2	Diesel Intake Air Flow Control Circuit Low
P02E3	Diesel Intake Air Flow Control Circuit High
P02E4	Diesel Intake Air Flow Control Stuck Open
P02E5	Diesel Intake Air Flow Control Stuck Closed
P02E6	Diesel Intake Air Flow Position Sensor Circuit
P02E7	Diesel Intake Air Flow Position Sensor Circuit Range/Performance
P02E8	Diesel Intake Air Flow Position Sensor Circuit Low
P02E9	Diesel Intake Air Flow Position Sensor Circuit High
P02EA	Diesel Intake Air Flow Position Sensor Circuit Intermittent/Erratic
P02EB	Diesel Intake Air Flow Control Motor Current Range/Performance
P02EC	Diesel Intake Air Flow Control System - High Air Flow Detected
P02ED	Diesel Intake Air Flow Control System - Low Air Flow Detected
P02EE	Cylinder 1 Injector Circuit Range/Performance
P02EF	Cylinder 2 Injector Circuit Range/Performance
P02F0	Cylinder 3 Injector Circuit Range/Performance
P02F1	Cylinder 4 Injector Circuit Range/Performance

P02F2	Cylinder 5 Injector Circuit Range/Performance
P02F3	Cylinder 6 Injector Circuit Range/Performance
P02F4	Cylinder 7 Injector Circuit Range/Performance
P02F5	Cylinder 8 Injector Circuit Range/Performance
P02F6	Cylinder 9 Injector Circuit Range/Performance
P02F7	Cylinder 10 Injector Circuit Range/Performance
P02F8	Cylinder 11 Injector Circuit Range/Performance
P02F9	Cylinder 12 Injector Circuit Range/Performance
P02FA	Diesel Intake Air Flow Position Sensor Minimum/Maximum Stop

PO3XX

Ignition System or Misfire



Code	Definition
P0300	Random/Multiple Cylinder Misfire Detected
P0301	Cylinder 1 Misfire Detected
P0302	Cylinder 2 Misfire Detected
P0303	Cylinder 3 Misfire Detected
P0304	Cylinder 4 Misfire Detected
P0305	Cylinder 5 Misfire Detected
P0306	Cylinder 6 Misfire Detected
P0307	Cylinder 7 Misfire Detected
P0308	Cylinder 8 Misfire Detected
P0309	Cylinder 9 Misfire Detected
P0310	Cylinder 10 Misfire Detected
P0311	Cylinder 11 Misfire Detected
P0312	Cylinder 12 Misfire Detected
P0313	Misfire Detected With Low Fuel
P0314	Single Cylinder Misfire (Cylinder not Specified)
P0315	Crankshaft Position System Variation not Learned
P0316	Engine Misfire Detected on Startup (First 1000 Revolutions)
P0317	Rough Road Hardware not Present
P0318	Rough Road Sensor "A" Signal Circuit
P0319	Rough Road Sensor "B" Signal Circuit
P0320	Ignition/Distributor Engine Speed Input Circuit
P0321	Ignition/Distributor Engine Speed Input Circuit Range/Performance
P0322	Ignition/Distributor Engine Speed Input Circuit no Signal
P0323	Ignition/Distributor Engine Speed Input Circuit Intermittent
P0324	Knock Control System Error
P0325	Knock Sensor 1 Circuit
P0326	Knock Sensor 1 Circuit Range/Performance
P0327	Knock Sensor 1 Circuit Low

P0328	Knock Sensor 1 Circuit High
P0329	Knock Sensor 1 Circuit Intermittent
P032A	Knock Sensor 3 Circuit
P032B	Knock Sensor 3 Circuit Range/Performance
P032C	Knock Sensor 3 Circuit Low
P032D	Knock Sensor 3 Circuit High
P032E	Knock Sensor 3 Circuit Intermittent
P0330	Knock Sensor 2 Circuit
P0331	Knock Sensor 2 Circuit Range/Performance
P0332	Knock Sensor 2 Circuit Low
P0333	Knock Sensor 2 Circuit High
P0334	Knock Sensor 2 Circuit Intermittent
P0335	Crankshaft Position Sensor "A" Circuit
P0336	Crankshaft Position Sensor "A" Circuit Range/Performance
P0337	Crankshaft Position Sensor "A" Circuit Low
P0338	Crankshaft Position Sensor "A" Circuit High
P0339	Crankshaft Position Sensor "A" Circuit Intermittent
P033A	Knock Sensor 4 Circuit
P033B	Knock Sensor 4 Circuit Range/Performance
P033C	Knock Sensor 4 Circuit Low
P033D	Knock Sensor 4 Circuit High
P033E	Knock Sensor 4 Circuit Intermittent
P0340	Camshaft Position Sensor "A" Circuit
P0341	Camshaft Position Sensor "A" Circuit Range/Performance
P0342	Camshaft Position Sensor "A" Circuit Low
P0343	Camshaft Position Sensor "A" Circuit High
P0344	Camshaft Position Sensor "A" Circuit Intermittent
P0345	Camshaft Position Sensor "A" Circuit
P0346	Camshaft Position Sensor "A" Circuit Range/Performance
P0347	Camshaft Position Sensor "A" Circuit Low

P0348	Camshaft Position Sensor "A" Circuit High
P0349	Camshaft Position Sensor "A" Circuit Intermittent
P0350	Ignition Coil Primary/Secondary Circuit
P0351	Ignition Coil "A" Primary/Secondary Circuit
P0352	Ignition Coil "B" Primary/Secondary Circuit
P0353	Ignition Coil "C" Primary/Secondary Circuit
P0354	Ignition Coil "D" Primary/Secondary Circuit
P0355	Ignition Coil "E" Primary/Secondary Circuit
P0356	Ignition Coil "F" Primary/Secondary Circuit
P0357	Ignition Coil "G" Primary/Secondary Circuit
P0358	Ignition Coil "H" Primary/Secondary Circuit
P0359	Ignition Coil "I" Primary/Secondary Circuit
P0360	Ignition Coil "J" Primary/Secondary Circuit
P0361	Ignition Coil "K" Primary/Secondary Circuit
P0362	Ignition Coil "L" Primary/Secondary Circuit
P0363	Misfire Detected - Fueling Disabled
P0365	Camshaft Position Sensor "B" Circuit
P0366	Camshaft Position Sensor "B" Circuit Range/Performance
P0367	Camshaft Position Sensor "B" Circuit Low
P0368	Camshaft Position Sensor "B" Circuit High
P0369	mshaft Position Sensor "B" Circuit Intermittent
P0370	Timing Reference High Resolution Signal "A"
P0371	Timing Reference High Resolution Signal "A" Too Many Pulses
P0372	Timing Reference High Resolution Signal "A" Too Few Pulses
P0373	Timing Reference High Resolution Signal "A" Intermittent/Erratic
P0374	Timing Reference High Resolution Signal "A" no Pulses
P0375	Timing Reference High Resolution Signal "B"

P0376	Timing Reference High Resolution Signal "B" Too Many Pulses
P0377	Timing Reference High Resolution Signal "B" Too Few Pulses
P0378	Timing Reference High Resolution Signal "B" Intermittent/Erratic
P0379	Timing Reference High Resolution Signal "B" no Pulses
P037D	Glow Plug Sense Circuit
P037E	Glow Plug Sense Circuit Low
P037F	Glow Plug Sense Circuit High
P0380	Glow Plug/Heater Circuit "A"
P0381	Glow Plug/Heater Indicator Circuit
P0382	Glow Plug/Heater Circuit "B"
P0383	Glow Plug Control Module Control Circuit Low
P0384	Glow Plug Control Module Control Circuit High
P0385	Crankshaft Position Sensor "B" Circuit
P0386	Crankshaft Position Sensor "B" Circuit Range/Performance
P0387	Crankshaft Position Sensor "B" Circuit Low
P0388	Crankshaft Position Sensor "B" Circuit High
P0389	Crankshaft Position Sensor "B" Circuit Intermittent
P0390	Camshaft Position Sensor "B" Circuit
P0391	Camshaft Position Sensor "B" Circuit Range/Performance
P0392	Camshaft Position Sensor "B" Circuit Low
P0393	Camshaft Position Sensor "B" Circuit High
P0394	Camshaft Position Sensor "B" Circuit Intermittent

PO4XX

Emission Control



Code	Definition
P0400	Exhaust Gas Recirculation "A" Flow
P0401	Exhaust Gas Recirculation "A" Flow Insufficient Detected
P0402	Exhaust Gas Recirculation "A" Flow Excessive Detected
P0403	Exhaust Gas Recirculation "A" Control Circuit
P0404	Exhaust Gas Recirculation "A" Control Circuit Range/Performance
P0405	Exhaust Gas Recirculation Sensor "A" Circuit Low
P0406	Exhaust Gas Recirculation Sensor "A" Circuit High
P0407	Exhaust Gas Recirculation Sensor "B" Circuit Low
P0408	Exhaust Gas Recirculation Sensor "B" Circuit High
P0409	Exhaust Gas Recirculation Sensor "A" Circuit
P040A	Exhaust Gas Recirculation Temperature Sensor "A" Circuit
P040B	Exhaust Gas Recirculation Temperature Sensor "A" Circuit
P040C	Exhaust Gas Recirculation Temperature Sensor "A" Circuit Low
P040D	Exhaust Gas Recirculation Temperature Sensor "A" Circuit High
P040E	Exhaust Gas Recirculation Temperature Sensor "A" Circuit
P040F	Exhaust Gas Recirculation Temperature Sensor "A"/"B" Correlation
P0410	Secondary Air Injection System
P0411	Secondary Air Injection System Incorrect Flow Detected
P0412	Secondary Air Injection System Switching Valve "A" Circuit
P0413	Secondary Air Injection System Switching Valve "A" Circuit Open
P0414	Secondary Air Injection System Switching Valve "A" Circuit Shorted
P0415	Secondary Air Injection System Switching Valve "B" Circuit
P0416	Secondary Air Injection System Switching Valve "B" Circuit Open

P0417	Secondary Air Injection System Switching Valve "B" Circuit Shorted
P0418	Secondary Air Injection System Control "A" Circuit
P0419	Secondary Air Injection System Control "B" Circuit
P041A	Exhaust Gas Recirculation Temperature Sensor "B" Circuit
P041B	Exhaust Gas Recirculation Temperature Sensor "B" Circuit
P041C	Exhaust Gas Recirculation Temperature Sensor "B" Circuit Low
P041D	Exhaust Gas Recirculation Temperature Sensor "B" Circuit High
P041E	Exhaust Gas Recirculation Temperature Sensor "B" Circuit
P041F	Secondary Air Injection System Switching Valve "A" Circuit Low
P0420	Catalyst System Efficiency Below Threshold
p0421	Warm Up Catalyst Efficiency Below Threshold
p0422	Main Catalyst Efficiency Below Threshold
p0423	Heated Catalyst Efficiency Below Threshold
p0424	Heated Catalyst Temperature Below Threshold
p0425	Catalyst Temperature Sensor Circuit
p0426	Catalyst Temperature Sensor Circuit Range/Performance
p0427	Catalyst Temperature Sensor Circuit Low
p0428	Catalyst Temperature Sensor Circuit High
p0429	Catalyst Heater Control Circuit
P042A	Catalyst Temperature Sensor Circuit
P042B	Catalyst Temperature Sensor Circuit Range/Performance
P042C	Catalyst Temperature Sensor Circuit Low
P042D	Catalyst Temperature Sensor Circuit High
P042E	Exhaust Gas Recirculation "A" Control Stuck Open
P042F	Exhaust Gas Recirculation "A" Control Stuck Closed
p0430	Catalyst System Efficiency Below Threshold
p0431	Warm Up Catalyst Efficiency Below Threshold

p0432	Main Catalyst Efficiency Below Threshold
p0433	Heated Catalyst Efficiency Below Threshold
p0434	Heated Catalyst Temperature Below Threshold
p0435	Catalyst Temperature Sensor Circuit
p0436	Catalyst Temperature Sensor Circuit Range/Performance
p0437	Catalyst Temperature Sensor Circuit Low
p0438	Catalyst Temperature Sensor Circuit High
p0439	Catalyst Heater Control Circuit
P043A	Catalyst Temperature Sensor Circuit
P043B	Catalyst Temperature Sensor Circuit Range/Performance
P043C	Catalyst Temperature Sensor Circuit Low
P043D	Catalyst Temperature Sensor Circuit High
P043E	Evaporative Emission System Leak Detection Reference Orifice
P043F	Evaporative Emission System Leak Detection Reference Orifice
p0440	Evaporative Emission System
p0441	Evaporative Emission System Incorrect Purge Flow
p0442	Evaporative Emission System Leak Detected (small leak)
p0443	Evaporative Emission System Purge Control Valve Circuit
p0444	Evaporative Emission System Purge Control Valve Circuit Open
p0445	Evaporative Emission System Purge Control Valve Circuit Shorted
p0446	Evaporative Emission System Vent Control Circuit
p0447	Evaporative Emission System Vent Control Circuit Open
p0448	Evaporative Emission System Vent Control Circuit Shorted
p0449	Evaporative Emission System Vent Valve/Solenoid Circuit
P044A	Exhaust Gas Recirculation Sensor "C" Circuit
P044B	Exhaust Gas Recirculation Sensor "C" Circuit Range/Performance

P044C	Exhaust Gas Recirculation Sensor "C" Circuit Low
P044D	Exhaust Gas Recirculation Sensor "C" Circuit High
P044E	Exhaust Gas Recirculation Sensor "C" Circuit Intermittent/Erratic
P044F	Secondary Air Injection System Switching Valve "A" Circuit High
p0450	Evaporative Emission System Pressure Sensor/Switch
p0451	Evaporative Emission System Pressure Sensor/Switch
p0452	Evaporative Emission System Pressure Sensor/Switch Low
p0453	Evaporative Emission System Pressure Sensor/Switch High
p0454	Evaporative Emission System Pressure Sensor/Switch Intermittent
p0455	Evaporative Emission System Leak Detected (large leak)
p0456	Evaporative Emission System Leak Detected (very small leak)
p0457	Evaporative Emission System Leak Detected (fuel cap loose/off)
p0458	Evaporative Emission System Purge Control Valve Circuit Low
p0459	Evaporative Emission System Purge Control Valve Circuit High
P045A	Exhaust Gas Recirculation "B" Control Circuit
P045B	Exhaust Gas Recirculation "B" Control Circuit Range/Performance
P045C	Exhaust Gas Recirculation "B" Control Circuit Low
P045D	Exhaust Gas Recirculation "B" Control Circuit High
P045E	Exhaust Gas Recirculation "B" Control Stuck Open
P045F	Exhaust Gas Recirculation "B" Control Stuck Closed
p0460	Fuel Level Sensor "A" Circuit
p0461	Fuel Level Sensor "A" Circuit Range/Performance
p0462	Fuel Level Sensor "A" Circuit Low

p0463	Fuel Level Sensor "A" Circuit High
p0464	Fuel Level Sensor "A" Circuit Intermittent
p0465	EVAP Purge Flow Sensor Circuit
p0466	EVAP Purge Flow Sensor Circuit Range/Performance
p0467	EVAP Purge Flow Sensor Circuit Low
p0468	EVAP Purge Flow Sensor Circuit High
p0469	EVAP Purge Flow Sensor Circuit Intermittent
P046A	Catalyst Temperature Sensor 1/2 Correlation
P046B	Catalyst Temperature Sensor 1/2 Correlation
P046C	Exhaust Gas Recirculation Sensor "A" Circuit Range/Performance
P046D	Exhaust Gas Recirculation Sensor "A" Circuit Intermittent/Erratic
P046E	Exhaust Gas Recirculation Sensor "B" Circuit Range/Performance
P046F	Exhaust Gas Recirculation Sensor "B" Circuit Intermittent/Erratic
p0470	Exhaust Pressure Sensor "A" Circuit
p0471	Exhaust Pressure Sensor "A" Circuit Range/Performance
p0472	Exhaust Pressure Sensor "A" Circuit Low
p0473	Exhaust Pressure Sensor "A" Circuit High
p0474	Exhaust Pressure Sensor "A" Circuit Intermittent/Erratic
p0475	Exhaust Pressure Control Valve "A"
p0476	Exhaust Pressure Control Valve "A" Range/Performance
p0477	Exhaust Pressure Control Valve "A" Low
p0478	Exhaust Pressure Control Valve "A" High
p0479	Exhaust Pressure Control Valve "A" Intermittent
P047A	Exhaust Pressure Sensor "B" Circuit
P047B	Exhaust Pressure Sensor "B" Circuit Range/Performance
P047C	Exhaust Pressure Sensor "B" Circuit Low
P047D	Exhaust Pressure Sensor "B" Circuit High

P047E	Exhaust Pressure Sensor "B" Circuit Intermittent/Erratic
P047F	Exhaust Pressure Control Valve "A" Stuck Open
p0480	Fan 1 Control Circuit
p0481	Fan 2 Control Circuit
p0482	Fan 3 Control Circuit
p0483	Fan Rationality Check
p0484	Fan Circuit Over Current
p0485	Fan Power/Ground Circuit
p0486	Exhaust Gas Recirculation Sensor "B" Circuit
p0487	Exhaust Gas Recirculation Throttle Control Circuit "A" /Open
p0488	Exhaust Gas Recirculation Throttle Control Circuit "A"
p0489	Exhaust Gas Recirculation "A" Control Circuit Low
P048A	Exhaust Pressure Control Valve "A" Stuck Closed
P048B	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
P048C	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
P048D	Exhaust Pressure Control Valve Position Sensor/Switch Circuit Low
P048E	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
P048F	Exhaust Pressure Control Valve Position Sensor/Switch Circuit
p0490	Exhaust Gas Recirculation "A" Control Circuit High
p0491	Secondary Air Injection System Insufficient Flow
p0492	Secondary Air Injection System Insufficient Flow
p0493	Fan Overspeed
p0494	Fan Speed Low
p0495	Fan Speed High
p0496	Evaporative Emission System High Purge Flow

p0497	Evaporative Emission System Low Purge Flow
p0498	Evaporative Emission System Vent Valve Control Circuit Low
p0499	Evaporative Emission System Vent Valve Control Circuit High
P049A	Exhaust Gas Recirculation "B" Flow
P049B	Exhaust Gas Recirculation "B" Flow Insufficient Detected
P049C	Exhaust Gas Recirculation "B" Flow Excessive Detected
P049D	Exhaust Gas Recirculation "A" Control Position Exceeded Learning
P049E	Exhaust Gas Recirculation "B" Control Position Exceeded Learning
P049F	Exhaust Pressure Control Valve "B"
P04A0	Exhaust Pressure Control Valve "B" Range/Performance
P04A1	Exhaust Pressure Control Valve "B" Low
P04A2	Exhaust Pressure Control Valve "B" High
P04A3	Exhaust Pressure Control Valve "B" Intermittent
P04A4	Exhaust Pressure Control Valve "B" Stuck Open
P04A5	Exhaust Pressure Control Valve "B" Stuck Closed
P04A6	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit
P04A7	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit
P04A8	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit
P04A9	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit
P04AA	Exhaust Pressure Control Valve "B" Position Sensor/Switch Circuit

PO5XX

Vehicle or Idle Speed Control



Code	Definition
P0500	Vehicle Speed Sensor "A"
P0501	Vehicle Speed Sensor "A" Range/Performance
P0502	Vehicle Speed Sensor "A" Circuit Low
P0503	Vehicle Speed Sensor "A" Intermittent/Erratic/High
P0504	Brake Switch "A"/"B" Correlation
P0505	Idle Air Control System
P0506	Idle Air Control System RPM Lower Than Expected
P0507	Idle Air Control System RPM Higher Than Expected
P0508	Idle Air Control System Circuit Low
P0509	Idle Air Control System Circuit High
P050A	Cold Start Idle Air Control System Performance
P050B	Cold Start Ignition Timing Performance
P050C	Cold Start Engine Coolant Temperature Performance
P050D	Cold Start Rough Idle
P050E	Cold Start Engine Exhaust Temperature Too Low
P050F	Brake Assist Vacuum Too Low
P0510	Closed Throttle Position Switch
P0511	Idle Air Control Circuit
P0512	Starter Request Circuit
P0513	Incorrect Immobilizer Key
P0514	Battery Temperature Sensor Circuit Range/Performance
P0515	Battery Temperature Sensor Circuit
P0516	Battery Temperature Sensor Circuit Low
P0517	Battery Temperature Sensor Circuit High
P0518	Idle Air Control Circuit Intermittent
P0519	Idle Air Control System Performance
P051A	Crankcase Pressure Sensor Circuit
P051B	Crankcase Pressure Sensor Circuit Range/Performance
P051C	Crankcase Pressure Sensor Circuit Low

P051D	Crankcase Pressure Sensor Circuit High
P051E	Crankcase Pressure Sensor Circuit Intermittent/Erratic
P051F	Positive Crankcase Ventilation Filter Restriction
P0520	Engine Oil Pressure Sensor/Switch Circuit
P0521	Engine Oil Pressure Sensor/Switch Range/Performance
P0522	Engine Oil Pressure Sensor/Switch Low
P0523	Engine Oil Pressure Sensor/Switch High
P0524	Engine Oil Pressure Too Low
P0525	Cruise Control Servo Control Circuit Range/Performance
P0526	Fan Speed Sensor Circuit
P0527	Fan Speed Sensor Circuit Range/Performance
P0528	Fan Speed Sensor Circuit no Signal
P0529	Fan Speed Sensor Circuit Intermittent
P052A	Cold Start "A" Camshaft Position Timing Over-Advanced
P052B	Cold Start "A" Camshaft Position Timing Over-Retarded
P052C	Cold Start "A" Camshaft Position Timing Over-Advanced
P052D	Cold Start "A" Camshaft Position Timing Over-Retarded
P052E	Positive Crankcase Ventilation Regulator Valve Performance
P0530	A/C Refrigerant Pressure Sensor "A" Circuit
P0531	A/C Refrigerant Pressure Sensor "A" Circuit Range/Performance
P0532	A/C Refrigerant Pressure Sensor "A" Circuit Low
P0533	A/C Refrigerant Pressure Sensor "A" Circuit High
P0534	A/C Refrigerant Charge Loss
P0535	A/C Evaporator Temperature Sensor Circuit
P0536	A/C Evaporator Temperature Sensor Circuit Range/Performance
P0537	A/C Evaporator Temperature Sensor Circuit Low
P0538	A/C Evaporator Temperature Sensor Circuit High
P0539	A/C Evaporator Temperature Sensor Circuit Intermittent

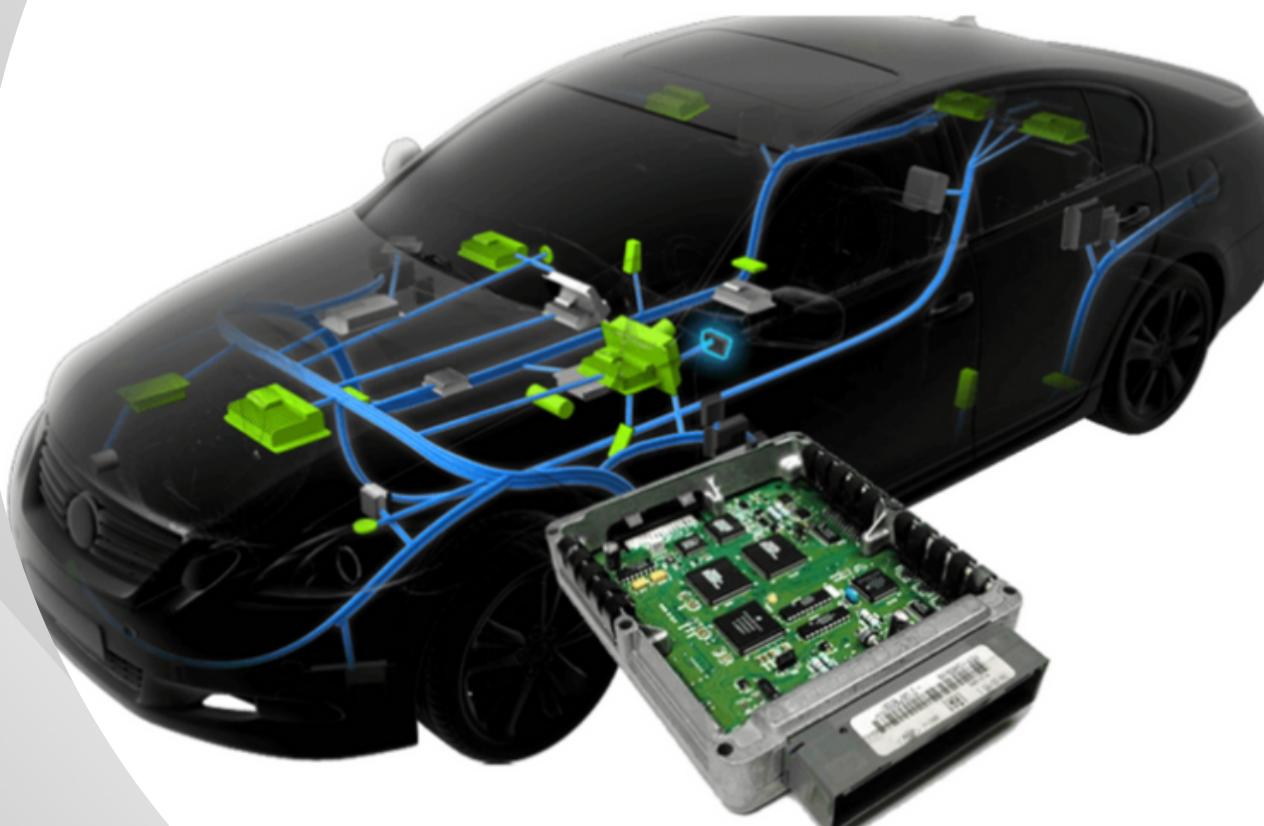
P053A	Positive Crankcase Ventilation Heater Control Circuit /Open
P053B	Positive Crankcase Ventilation Heater Control Circuit Low
P053C	Positive Crankcase Ventilation Heater Control Circuit High
P0540	Intake Air Heater "A" Circuit
P0541	Intake Air Heater "A" Circuit Low
P0542	Intake Air Heater "A" Circuit High
P0543	Intake Air Heater "A" Circuit Open
P0544	Exhaust Gas Temperature Sensor Circuit
P0545	Exhaust Gas Temperature Sensor Circuit Low
P0546	Exhaust Gas Temperature Sensor Circuit High
P0547	Exhaust Gas Temperature Sensor Circuit
P0548	Exhaust Gas Temperature Sensor Circuit Low
P0549	Exhaust Gas Temperature Sensor Circuit High
P054A	Cold Start "B" Camshaft Position Timing Over-Advanced
P054B	Cold Start "B" Camshaft Position Timing Over-Retarded
P054C	Cold Start "B" Camshaft Position Timing Over-Advanced
P054D	Cold Start "B" Camshaft Position Timing Over-Retarded
P0550	Power Steering Pressure Sensor/Switch Circuit
P0551	Power Steering Pressure Sensor/Switch Circuit
P0552	Power Steering Pressure Sensor/Switch Circuit Low
P0553	Power Steering Pressure Sensor/Switch Circuit High
P0554	Power Steering Pressure Sensor/Switch Circuit Intermittent
P0555	Brake Booster Pressure Sensor Circuit
P0556	Brake Booster Pressure Sensor Circuit Range/Performance
P0557	Brake Booster Pressure Sensor Circuit Low
P0558	Brake Booster Pressure Sensor Circuit High
P0559	Brake Booster Pressure Sensor Circuit Intermittent
P0560	System Voltage
P0561	System Voltage Unstable
P0562	System Voltage Low

P0563	System Voltage High
P0564	Cruise Control Multi-Function Input "A" Circuit
P0565	Cruise Control "On" Signal
P0566	Cruise Control "Off" Signal
P0567	Cruise Control "Resume" Signal
P0568	Cruise Control "Set" Signal
P0569	Cruise Control "Coast" Signal
P056A	Cruise Control "Increase Distance" Signal
P056B	Cruise Control "Decrease Distance" Signal
P0570	Cruise Control "Accelerate" Signal
P0571	Brake Switch "A" Circuit
P0572	Brake Switch "A" Circuit Low
P0573	Brake Switch "A" Circuit High
P0574	Cruise Control System - Vehicle Speed Too High
P0575	Cruise Control Input Circuit
P0576	Cruise Control Input Circuit Low
P0577	Cruise Control Input Circuit High
P0578	Cruise Control Multi-Function Input "A" Circuit Stuck
P0579	Cruise Control Multi-Function Input "A" Circuit Range/Performance
P0580	Cruise Control Multi-Function Input "A" Circuit Low
P0581	Cruise Control Multi-Function Input "A" Circuit High
P0582	Cruise Control Vacuum Control Circuit/Open
P0583	Cruise Control Vacuum Control Circuit Low
P0584	Cruise Control Vacuum Control Circuit High
P0585	Cruise Control Multi-Function Input "A"/"B" Correlation
P0586	Cruise Control Vent Control Circuit/Open
P0587	Cruise Control Vent Control Circuit Low
P0588	Cruise Control Vent Control Circuit High
P0589	Cruise Control Multi-Function Input "B" Circuit

P0590	Cruise Control Multi-Function Input "B" Circuit Stuck
P0591	Cruise Control Multi-Function Input "B" Circuit Range/Performance
P0592	Cruise Control Multi-Function Input "B" Circuit Low
P0593	Cruise Control Multi-Function Input "B" Circuit High
P0594	Cruise Control Servo Control Circuit/Open
P0595	Cruise Control Servo Control Circuit Low
P0596	Cruise Control Servo Control Circuit High
P0597	Thermostat Heater Control Circuit/Open
P0598	Thermostat Heater Control Circuit Low
P0599	Thermostat Heater Control Circuit High

PO6XX

ECM – Computer Output Circuit



Code	Definition
P0600	Serial Communication Link
P0601	Internal Control Module Memory Check Sum Error
P0602	Control Module Programming Error
P0603	Internal Control Module Keep Alive Memory (KAM) Error
P0604	Internal Control Module Random Access Memory (RAM) Error
P0605	Internal Control Module Read Only Memory (ROM) Error
P0606	Control Module Processor
P0607	Control Module Performance
P0608	Control Module VSS Output "A"
P0609	Control Module VSS Output "B"
P060A	Internal Control Module Monitoring Processor Performance
P060B	Internal Control Module A/D Processing Performance
P060C	Internal Control Module Main Processor Performance
P060D	Internal Control Module Accelerator Pedal Position Performance
P060E	Internal Control Module Throttle Position Performance
P060E	Internal Control Module Coolant Temperature Performance
P0610	Control Module Vehicle Options Error
P0611	Fuel Injector Control Module Performance
P0612	Fuel Injector Control Module Relay Control
P0613	TCM Processor
P0614	ECM/TCM Incompatible
P0615	Starter Relay Circuit
P0616	Starter Relay Circuit Low
P0617	Starter Relay Circuit High
P0618	Alternative Fuel Control Module KAM Error
P0619	Alternative Fuel Control Module RAM/ROM Error

P061A	Internal Control Module Torque Performance
P061B	Internal Control Module Torque Calculation Performance
P061C	Internal Control Module Engine RPM Performance
P061D	Internal Control Module Engine Air Mass Performance
P061E	Internal Control Module Brake Signal Performance
P061F	Internal Control Module Throttle Actuator Controller Performance
P0620	Generator Control Circuit
P0621	Generator Lamp/L Terminal Circuit
P0622	Generator Field/F Terminal Circuit
P0623	Generator Lamp Control Circuit
P0624	Fuel Cap Lamp Control Circuit
P0625	Generator Field/F Terminal Circuit Low
P0626	Generator Field/F Terminal Circuit High
P0627	Fuel Pump "A" Control Circuit/Open
P0628	Fuel Pump "A" Control Circuit Low
P0629	Fuel Pump "A" Control Circuit High
P062A	Fuel Pump "A" Control Circuit Range/Performance
P062B	Internal Control Module Fuel Injector Control Performance
P062C	Internal Control Module Vehicle Speed Performance
P062D	Fuel Injector Driver Circuit Performance
P062E	Fuel Injector Driver Circuit Performance
P062F	Internal Control Module EEPROM Error
P0630	VIN not Programmed or Incompatible - ECM/PCM
P0631	VIN not Programmed or Incompatible - TCM
P0632	Odometer not Programmed - ECM/PCM
P0633	Immobilizer Key not Programmed - ECM/PCM
P0634	PCM/ECM/TCM Internal Temperature "A" Too High
P0635	Power Steering Control Circuit
P0636	Power Steering Control Circuit Low

P0637	Power Steering Control Circuit High
P0638	Throttle Actuator Control Range/Performance
P0639	Throttle Actuator Control Range/Performance
P063A	Generator Voltage Sense Circuit
P063B	Generator Voltage Sense Circuit Range/Performance
P063C	Generator Voltage Sense Circuit Low
P063D	Generator Voltage Sense Circuit High
P063E	Auto Configuration Throttle Input not Present
P063F	Auto Configuration Engine Coolant Temperature Input not Present
P0640	Intake Air Heater Control Circuit
P0641	Sensor Reference Voltage "A" Circuit/Open
P0642	Sensor Reference Voltage "A" Circuit Low
P0643	Sensor Reference Voltage "A" Circuit High
P0644	Driver Display Serial Communication Circuit
P0645	A/C Clutch Relay Control Circuit
P0646	A/C Clutch Relay Control Circuit Low
P0647	A/C Clutch Relay Control Circuit High
P0648	Immobilizer Lamp Control Circuit
P0649	Speed Control Lamp Control Circuit
P064A	Fuel Pump Control Module
P064B	PTO Control Module
P064C	Glow Plug Control Module
P064D	Internal Control Module O2 Sensor Processor Performance
P064E	Internal Control Module O2 Sensor Processor Performance
P064F	Unauthorized Software/Calibration Detected
P0650	Malfunction Indicator Lamp (MIL) Control Circuit
P0651	Sensor Reference Voltage "B" Circuit/Open
P0652	Sensor Reference Voltage "B" Circuit Low
P0653	Sensor Reference Voltage "B" Circuit High

P0654	Engine RPM Output Circuit
P0655	Engine Hot Lamp Output Control Circuit
P0656	Fuel Level Output Circuit
P0657	Actuator Supply Voltage "A" Circuit/Open
P0658	Actuator Supply Voltage "A" Circuit Low
P0659	Actuator Supply Voltage "A" Circuit High
P065A	Generator System Performance
P065B	Generator Control Circuit Range/Performance
P065C	Generator Mechanical Performance
P065D	Reductant System Malfunction Lamp Control Circuit
P065E	Intake Manifold Tuning Valve Performance
P065F	Intake Manifold Tuning Valve Performance
P0660	Intake Manifold Tuning Valve Control Circuit/Open
P0661	Intake Manifold Tuning Valve Control Circuit Low
P0662	Intake Manifold Tuning Valve Control Circuit High
P0663	Intake Manifold Tuning Valve Control Circuit/Open
P0664	Intake Manifold Tuning Valve Control Circuit Low
P0665	Intake Manifold Tuning Valve Control Circuit High
P0666	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit
P0667	PCM/ECM/TCM Internal Temperature Sensor "A"
P0668	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit Low
P0669	PCM/ECM/TCM Internal Temperature Sensor "A" Circuit High
P066A	Cylinder 1 Glow Plug Control Circuit Low
P066B	Cylinder 1 Glow Plug Control Circuit High
P066C	Cylinder 2 Glow Plug Control Circuit Low
P066D	Cylinder 2 Glow Plug Control Circuit High
P066E	Cylinder 3 Glow Plug Control Circuit Low
P066F	Cylinder 3 Glow Plug Control Circuit High
P0670	Glow Plug Control Module Control Circuit/Open

P0671	Cylinder 1 Glow Plug Circuit/Open
P0672	Cylinder 2 Glow Plug Circuit/Open
P0673	Cylinder 3 Glow Plug Circuit/Open
P0674	Cylinder 4 Glow Plug Circuit/Open
P0675	Cylinder 5 Glow Plug Circuit/Open
P0676	Cylinder 6 Glow Plug Circuit/Open
P0677	Cylinder 7 Glow Plug Circuit/Open
P0678	Cylinder 8 Glow Plug Circuit/Open
P0679	Cylinder 9 Glow Plug Circuit/Open
P067A	Cylinder 4 Glow Plug Control Circuit Low
P067B	Cylinder 4 Glow Plug Control Circuit High
P067C	Cylinder 5 Glow Plug Control Circuit Low
P067D	Cylinder 5 Glow Plug Control Circuit High
P067E	Cylinder 6 Glow Plug Control Circuit Low
P067F	Cylinder 6 Glow Plug Control Circuit High
P0680	Cylinder 10 Glow Plug Circuit/Open
P0681	Cylinder 11 Glow Plug Circuit/Open
P0682	Cylinder 12 Glow Plug Circuit/Open
P0683	Glow Plug Control Module to PCM Communication Circuit
P0684	Glow Plug Control Module to PCM Communication Circuit
P0685	ECM/PCM Power Relay Control Circuit/Open
P0686	ECM/PCM Power Relay Control Circuit Low
P0687	ECM/PCM Power Relay Control Circuit High
P0688	ECM/PCM Power Relay Sense Circuit/Open
P0689	ECM/PCM Power Relay Sense Circuit Low
P068A	ECM/PCM Power Relay De-Energized Performance - Too Early
P068B	ECM/PCM Power Relay De-Energized Performance - Too Late
P068C	Cylinder 7 Glow Plug Control Circuit Low
P068D	Cylinder 7 Glow Plug Control Circuit High

P068E	Cylinder 8 Glow Plug Control Circuit Low
P068F	Cylinder 8 Glow Plug Control Circuit High
P0690	ECM/PCM Power Relay Sense Circuit High
P0691	Fan 1 Control Circuit Low
P0692	Fan 1 Control Circuit High
P0693	Fan 2 Control Circuit Low
P0694	Fan 2 Control Circuit High
P0695	Fan 3 Control Circuit Low
P0696	Fan 3 Control Circuit High
P0697	Sensor Reference Voltage "C" Circuit/Open
P0698	Sensor Reference Voltage "C" Circuit Low
P0699	Sensor Reference Voltage "C" Circuit High
P069A	Cylinder 9 Glow Plug Control Circuit Low
P069B	Cylinder 9 Glow Plug Control Circuit High
P069C	Cylinder 10 Glow Plug Control Circuit Low
P069D	Cylinder 10 Glow Plug Control Circuit High
P069E	Fuel Pump Control Module Requested MIL Illumination
P069F	Throttle Actuator Control Lamp Control Circuit
P06A0	Variable A/C Compressor Control Circuit
P06A1	Variable A/C Compressor Control Circuit Low
P06A2	Variable A/C Compressor Control Circuit High
P06A3	Sensor Reference Voltage "D" Circuit/Open
P06A4	Sensor Reference Voltage "D" Circuit Low
P06A5	Sensor Reference Voltage "D" Circuit High
P06A6	Sensor Reference Voltage "A" Circuit Range/Performance
P06A7	Sensor Reference Voltage "B" Circuit Range/Performance
P06A8	Sensor Reference Voltage "C" Circuit Range/Performance
P06A9	Sensor Reference Voltage "D" Circuit Range/Performance
P06AA	PCM/ECM/TCM Internal Temperature "B" Too High
P06AB	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit

P06AC	PCM/ECM/TCM Internal Temperature Sensor "B"
P06AD	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit Low
P06AE	PCM/ECM/TCM Internal Temperature Sensor "B" Circuit High
P06AF	Torque Management System - Forced Engine Shutdown
P06B0	Sensor Power Supply "A" Circuit/Open
P06B1	Sensor Power Supply "A" Circuit Low
P06B2	Sensor Power Supply "A" Circuit High
P06B3	Sensor Power Supply "B" Circuit/Open
P06B4	Sensor Power Supply "B" Circuit Low
P06B5	Sensor Power Supply "B" Circuit High
P06B6	Internal Control Module Knock Sensor Processor 1 Performance
P06B7	Internal Control Module Knock Sensor Processor 2 Performance
P06B8	Internal Control Module non-Volatile Random Access Memory
P06B9	Cylinder 1 Glow Plug Circuit Range/Performance
P06BA	Cylinder 2 Glow Plug Circuit Range/Performance
P06BB	Cylinder 3 Glow Plug Circuit Range/Performance
P06BC	Cylinder 4 Glow Plug Circuit Range/Performance
P06BD	Cylinder 5 Glow Plug Circuit Range/Performance
P06BE	Cylinder 6 Glow Plug Circuit Range/Performance
P06BF	Cylinder 7 Glow Plug Circuit Range/Performance
P06C0	Cylinder 8 Glow Plug Circuit Range/Performance
P06C1	Cylinder 9 Glow Plug Circuit Range/Performance
P06C2	Cylinder 10 Glow Plug Circuit Range/Performance
P06C3	Cylinder 11 Glow Plug Circuit Range/Performance
P06C4	Cylinder 12 Glow Plug Circuit Range/Performance
P06C5	Cylinder 1 Glow Plug Incorrect

P06C6	Cylinder 2 Glow Plug Incorrect
P06C7	Cylinder 3 Glow Plug Incorrect
P06C8	Cylinder 4 Glow Plug Incorrect
P06C9	Cylinder 5 Glow Plug Incorrect
P06CA	Cylinder 6 Glow Plug Incorrect
P06CB	Cylinder 7 Glow Plug Incorrect
P06CC	Cylinder 8 Glow Plug Incorrect
P06CD	Cylinder 9 Glow Plug Incorrect
P06CE	Cylinder 10 Glow Plug Incorrect
P06CF	Cylinder 11 Glow Plug Incorrect
P06D0	Cylinder 12 Glow Plug Incorrect
P06D1	Internal Control Module Ignition Coil Control Performance

PO7XX

Transmission



Code	Definition
P0700	Transmission Control System (MIL Request)
P0701	Transmission Control System Range/Performance
P0702	Transmission Control System Electrical
P0703	Brake Switch "B" Circuit
P0704	Clutch Switch Input Circuit
P0705	Transmission Range Sensor "A" Circuit (PRNDL Input)
P0706	Transmission Range Sensor "A" Circuit Range/Performance
P0707	Transmission Range Sensor "A" Circuit Low
P0708	Transmission Range Sensor "A" Circuit High
P0709	Transmission Range Sensor "A" Circuit Intermittent
P070A	Transmission Fluid Level Sensor Circuit
P070B	Transmission Fluid Level Sensor Circuit Range/Performance
P070C	Transmission Fluid Level Sensor Circuit Low
P070D	Transmission Fluid Level Sensor Circuit High
P070E	Transmission Fluid Level Sensor Circuit intermittent/Erratic
P070F	Transmission Fluid Level Too Low
P0710	Transmission Fluid Temperature Sensor "A" Circuit
P0711	Transmission Fluid Temperature Sensor "A" Circuit
P0712	Transmission Fluid Temperature Sensor "A" Circuit Low
P0713	Transmission Fluid Temperature Sensor "A" Circuit High
P0714	Transmission Fluid Temperature Sensor "A" Circuit Intermittent
P0715	Input/Turbine Speed Sensor "A" Circuit
P0716	Input/Turbine Speed Sensor "A" Circuit Range/Performance
P0717	Input/Turbine Speed Sensor "A" Circuit no Signal
P0718	Input/Turbine Speed Sensor "A" Circuit Intermittent
P0719	Brake Switch "B" Circuit Low
P071A	Transmission Mode Switch "A" Circuit

P071B	Transmission Mode Switch "A" Circuit Low
P071C	Transmission Mode Switch "A" Circuit High
P071D	Transmission Mode Switch "B" Circuit
P071E	Transmission Mode Switch "B" Circuit Low
P071F	Transmission Mode Switch "B" Circuit High
P0720	Output Speed Sensor Circuit
P0721	Output Speed Sensor Circuit Range/Performance
P0722	Output Speed Sensor Circuit no Signal
P0723	Output Speed Sensor Circuit Intermittent
P0724	Brake Switch "B" Circuit High
P0725	Engine Speed Input Circuit
P0726	Engine Speed Input Circuit Range/Performance
P0727	Engine Speed Input Circuit no Signal
P0728	Engine Speed Input Circuit Intermittent
P0729	Gear 6 Incorrect Ratio
P072A	Stuck in Neutral
P072B	Stuck In Reverse
P072C	Stuck in Gear 1
P072D	Stuck in Gear 2
P072E	Stuck in Gear 3
P072F	Stuck in Gear 4
P0730	Incorrect Gear Ratio
P0731	Gear 1 Incorrect Ratio
P0732	Gear 2 Incorrect Ratio
P0733	Gear 3 Incorrect Ratio
P0734	Gear 4 Incorrect Ratio
P0735	Gear 5 Incorrect Ratio
P0736	Reverse Incorrect Ratio
P0737	TCM Engine Speed Output Circuit
P0738	TCM Engine Speed Output Circuit Low

P0739	TCM Engine Speed Output Circuit High
P073A	Stuck in Gear 5
P073B	Stuck in Gear 6
P073C	Stuck in Gear 7
P073D	Unable to Engage Neutral
P073E	Unable to Engage Reverse
P073F	Unable to Engage Gear 1
P0740	Torque Converter Clutch Circuit/Open
P0741	Torque Converter Clutch Circuit Performance/Stuck Off
P0742	Torque Converter Clutch Circuit Stuck On
P0743	Torque Converter Clutch Circuit Electrical
P0744	Torque Converter Clutch Circuit Intermittent
P0745	Pressure Control Solenoid "A"
P0746	Pressure Control Solenoid "A" Performance/Stuck Off
P0747	Pressure Control Solenoid "A" Stuck On
P0748	Pressure Control Solenoid "A" Electrical
P0749	Pressure Control Solenoid "A" Intermittent
P074A	Unable To Engage Gear 2
P074B	Unable To Engage Gear 3
P074C	Unable To Engage Gear 4
P074D	Unable To Engage Gear 5
P074E	Unable To Engage Gear 6
P074F	Unable To Engage Gear 7
P0750	Shift Solenoid "A"
P0751	Shift Solenoid "A" Performance/Stuck Off
P0752	Shift Solenoid "A" Stuck On
P0753	Shift Solenoid "A" Electrical
P0754	Shift Solenoid "A" Intermittent
P0755	Shift Solenoid "B"
P0756	Shift Solenoid "B" Performance/Stuck Off

P0757	Shift Solenoid "B" Stuck On
P0758	Shift Solenoid "B" Electrical
P0759	Shift Solenoid "B" Intermittent
P075A	Shift Solenoid "G"
P075B	Shift Solenoid "G" Performance/Stuck Off
P075C	Shift Solenoid "G" Stuck On
P075D	Shift Solenoid "G" Electrical
P075E	Shift Solenoid "G" Intermittent
P075F	Transmission Fluid Level Too High
P0760	Shift Solenoid "C"
P0761	Shift Solenoid "C" Performance/Stuck Off
P0762	Shift Solenoid "C" Stuck On
P0763	Shift Solenoid "C" Electrical
P0764	Shift Solenoid "C" Intermittent
P0765	Shift Solenoid "D"
P0766	Shift Solenoid "D" Performance/Stuck Off
P0767	Shift Solenoid "D" Stuck On
P0768	Shift Solenoid "D" Electrical
P0769	Shift Solenoid "D" Intermittent
P076A	Shift Solenoid "H"
P076B	Shift Solenoid "H" Performance/Stuck Off
P076C	Shift Solenoid "H" Stuck On
P076D	Shift Solenoid "H" Electrical
P076E	Shift Solenoid "H" Intermittent
P076F	Gear 7 Incorrect Ratio
P0770	Shift Solenoid "E"
P0771	Shift Solenoid "E" Performance/Stuck Off
P0772	Shift Solenoid "E" Stuck On
P0773	Shift Solenoid "E" Electrical
P0774	Shift Solenoid "E" Intermittent

P0775	Pressure Control Solenoid "B"
P0776	Pressure Control Solenoid "B" Performance/Stuck Off
P0777	Pressure Control Solenoid "B" Stuck On
P0778	Pressure Control Solenoid "B" Electrical
P0779	Pressure Control Solenoid "B" Intermittent
P077A	Output Speed Sensor Circuit - Loss of Direction Signal
P077B	Output Speed Sensor Circuit - Direction Error
P0780	Shift Error
P0781	1-2 Shift
P0782	2-3 Shift
P0783	3-4 Shift
P0784	4-5 Shift
P0785	Shift Timing Solenoid "A"
P0786	Shift Timing Solenoid "A" Range/Performance
P0787	Shift Timing Solenoid "A" Low
P0788	Shift Timing Solenoid "A" High
P0789	Shift Timing Solenoid "A" Intermittent
P078A	Shift Timing Solenoid "B"
P078B	Shift Timing Solenoid "B" Range/Performance
P078C	Shift Timing Solenoid "B" Low
P078D	Shift Timing Solenoid "B" High
P078E	Shift Timing Solenoid "B" Intermittent
P0790	normal/Performance Switch Circuit
P0791	Intermediate Shaft Speed Sensor "A" Circuit
P0792	Intermediate Shaft Speed Sensor "A" Circuit Range/Performance
P0793	Intermediate Shaft Speed Sensor "A" Circuit no Signal
P0794	Intermediate Shaft Speed Sensor "A" Circuit Intermittent
P0795	Pressure Control Solenoid "C"
P0796	Pressure Control Solenoid "C" Performance/Stuck Off

P0797	Pressure Control Solenoid "C" Stuck On
P0798	Pressure Control Solenoid "C" Electrical
P0799	Pressure Control Solenoid "C" Intermittent
P079A	Transmission Friction Element "A" Slip Detected
P079B	Transmission Friction Element "B" Slip Detected
P079C	Transmission Friction Element "C" Slip Detected
P079D	Transmission Friction Element "D" Slip Detected
P079E	Transmission Friction Element "E" Slip Detected
P079F	Transmission Friction Element "F" Slip Detected
P07A0	Transmission Friction Element "G" Slip Detected
P07A1	Transmission Friction Element "H" Slip Detected
P07A2	Transmission Friction Element "A" Performance/Stuck Off
P07A3	Transmission Friction Element "A" Stuck On
P07A4	Transmission Friction Element "B" Performance/Stuck Off
P07A5	Transmission Friction Element "B" Stuck On
P07A6	Transmission Friction Element "C" Performance/Stuck Off
P07A7	Transmission Friction Element "C" Stuck On
P07A8	Transmission Friction Element "D" Performance/Stuck Off
P07A9	Transmission Friction Element "D" Stuck On
P07AA	Transmission Friction Element "E" Performance/Stuck Off
P07AB	Transmission Friction Element "E" Stuck On
P07AC	Transmission Friction Element "F" Performance/Stuck Off
P07AD	Transmission Friction Element "F" Stuck On
P07AE	Transmission Friction Element "G" Performance/Stuck Off
P07AF	Transmission Friction Element "G" Stuck On
P07B0	Transmission Friction Element "H" Performance/Stuck Off
P07B1	Transmission Friction Element "H" Stuck On
P07B2	Transmission Park Position Sensor/Switch "A" Circuit/Open
P07B3	Transmission Park Position Sensor/Switch "A" Circuit Low
P07B4	Transmission Park Position Sensor/Switch "A" Circuit High

P07B5	Transmission Park Position Sensor/Switch "A" Circuit
P07B6	Transmission Park Position Sensor/Switch "A" Circuit Performance
P07B7	Transmission Park Position Sensor/Switch "A" Circuit
P07B8	Transmission Park Position Sensor/Switch "B" Circuit/Open
P07B9	Transmission Park Position Sensor/Switch "B" Circuit Low
P07BA	Transmission Park Position Sensor/Switch "B" Circuit High
P07BB	Transmission Park Position Sensor/Switch "B" Circuit
P07BC	Transmission Park Position Sensor/Switch "B" Circuit Performance
P07BD	Transmission Park Position Sensor/Switch "B" Circuit
P07BE	Transmission Park Position Sensor/Switch "A"/"B" Correlation

PO8XX

Transmission



Code	Definition
P0800	Transfer Case Control System (MIL Request)
P0801	Reverse Inhibit Control Circuit
P0802	Transmission Control System MIL Request Circuit/Open
P0803	Upshift/Skip Shift Solenoid Control Circuit
P0804	Upshift/Skip Shift Lamp Control Circuit
P0805	Clutch Position Sensor Circuit
P0806	Clutch Position Sensor Circuit Range/Performance
P0807	Clutch Position Sensor Circuit Low
P0808	Clutch Position Sensor Circuit High
P0809	Clutch Position Sensor Circuit Intermittent
P080A	Clutch Position not Learned
P080B	Upshift/Skip Shift Solenoid Control Circuit Range/Performance
P080C	Upshift/Skip Shift Solenoid Control Circuit Low
P080D	Upshift/Skip Shift Solenoid Control Circuit High
P0810	Clutch Position Control Error
P0811	Excessive Clutch "A" Slippage
P0812	Reverse Input Circuit
P0813	Reverse Output Circuit
P0814	Transmission Range Display Circuit
P0815	Upshift Switch Circuit
P0816	Downshift Switch Circuit
P0817	Starter Disable Circuit/Open
P0818	Driveline Disconnect Switch Input Circuit
P0819	Up and Down Shift Switch to Transmission Range Correlation
P081A	Starter Disable Circuit Low
P081B	Starter Disable Circuit High
P081C	Park Input Circuit
P081D	Neutral Input Circuit

P081E	Excessive Clutch "B" Slippage
P0820	Gear Lever X-Y Position Sensor Circuit
P0821	Gear Lever X Position Circuit
P0822	Gear Lever Y Position Circuit
P0823	Gear Lever X Position Circuit Intermittent
P0824	Gear Lever Y Position Circuit Intermittent
P0825	Gear Lever Push-Pull Switch (Shift Anticipate)
P0826	Up and Down Shift Switch Circuit
P0827	Up and Down Shift Switch Circuit Low
P0828	Up and Down Shift Switch Circuit High
P0829	5-6 Shift
P082A	Gear Lever X Position Circuit Range/Performance
P082B	Gear Lever X Position Circuit Low
P082C	Gear Lever X Position Circuit High
P082D	Gear Lever Y Position Circuit Range/Performance
P082E	Gear Lever Y Position Circuit Low
P082F	Gear Lever Y Position Circuit High
P0830	Clutch Pedal Switch "A" Circuit
P0831	Clutch Pedal Switch "A" Circuit Low
P0832	Clutch Pedal Switch "A" Circuit High
P0833	Clutch Pedal Switch "B" Circuit
P0834	Clutch Pedal Switch "B" Circuit Low
P0835	Clutch Pedal Switch "B" Circuit High
P0836	Four Wheel Drive (4WD) Switch Circuit
P0837	Four Wheel Drive (4WD) Switch Circuit Range/Performance
P0838	Four Wheel Drive (4WD) Switch Circuit Low
P0839	Four Wheel Drive (4WD) Switch Circuit High
P083A	Transmission Fluid Pressure Sensor/Switch "G" Circuit
P083B	Transmission Fluid Pressure Sensor/Switch "G" Circuit

P083C	Transmission Fluid Pressure Sensor/Switch "G" Circuit Low
P083D	Transmission Fluid Pressure Sensor/Switch "G" Circuit High
P083E	Transmission Fluid Pressure Sensor/Switch "G" Circuit Intermittent
P083F	Clutch Pedal Switch "A"/"B" Correlation
P0840	Transmission Fluid Pressure Sensor/Switch "A" Circuit
P0841	Transmission Fluid Pressure Sensor/Switch "A" Circuit
P0842	Transmission Fluid Pressure Sensor/Switch "A" Circuit Low
P0843	Transmission Fluid Pressure Sensor/Switch "A" Circuit High
P0844	Transmission Fluid Pressure Sensor/Switch "A" Circuit Intermittent
P0845	Transmission Fluid Pressure Sensor/Switch "B" Circuit
P0846	Transmission Fluid Pressure Sensor/Switch "B" Circuit
P0847	Transmission Fluid Pressure Sensor/Switch "B" Circuit Low
P0848	Transmission Fluid Pressure Sensor/Switch "B" Circuit High
P0849	Transmission Fluid Pressure Sensor/Switch "B" Circuit Intermittent
P084A	Transmission Fluid Pressure Sensor/Switch "H" Circuit
P084B	Transmission Fluid Pressure Sensor/Switch "H" Circuit
P084C	Transmission Fluid Pressure Sensor/Switch "H" Circuit Low
P084D	Transmission Fluid Pressure Sensor/Switch "H" Circuit High
P084E	Transmission Fluid Pressure Sensor/Switch "H" Circuit Intermittent
P084F	Park/Neutral Switch Output Circuit
P0850	Park/Neutral Switch Input Circuit
P0851	Park/Neutral Switch Input Circuit Low
P0852	Park/Neutral Switch Input Circuit High
P0853	Drive Switch Input Circuit
P0854	Drive Switch Input Circuit Low
P0855	Drive Switch Input Circuit High
P0856	Traction Control Input Signal

P0857	Traction Control Input Signal Range/Performance
P0858	Traction Control Input Signal Low
P0859	Traction Control Input Signal High
P085A	Gear Shift Control Module "B" Communication Circuit
P085B	Gear Shift Control Module "B" Communication Circuit Low
P085C	Gear Shift Control Module "B" Communication Circuit High
P085D	Gear Shift Control Module "A" Performance
P085E	Gear Shift Control Module "B" Performance
P0860	Gear Shift Control Module "A" Communication Circuit
P0861	Gear Shift Control Module "A" Communication Circuit Low
P0862	Gear Shift Control Module "A" Communication Circuit High
P0863	TCM Communication Circuit
P0864	TCM Communication Circuit Range/Performance
P0865	TCM Communication Circuit Low
P0866	TCM Communication Circuit High
P0867	Transmission Fluid Pressure
P0868	Transmission Fluid Pressure Low
P0869	Transmission Fluid Pressure High
P0870	Transmission Fluid Pressure Sensor/Switch "C" Circuit
P0871	Transmission Fluid Pressure Sensor/Switch "C" Circuit
P0872	Transmission Fluid Pressure Sensor/Switch "C" Circuit Low
P0873	Transmission Fluid Pressure Sensor/Switch "C" Circuit High
P0874	Transmission Fluid Pressure Sensor/Switch "C" Circuit Intermittent
P0875	Transmission Fluid Pressure Sensor/Switch "D" Circuit
P0876	Transmission Fluid Pressure Sensor/Switch "D" Circuit
P0877	Transmission Fluid Pressure Sensor/Switch "D" Circuit Low
P0878	Transmission Fluid Pressure Sensor/Switch "D" Circuit High
P0879	Transmission Fluid Pressure Sensor/Switch "D" Circuit Intermittent
P0880	TCM Power Input Signal

P0881	TCM Power Input Signal Range/Performance
P0882	TCM Power Input Signal Low
P0883	TCM Power Input Signal High
P0884	TCM Power Input Signal Intermittent
P0885	TCM Power Relay Control Circuit/Open
P0886	TCM Power Relay Control Circuit Low
P0887	TCM Power Relay Control Circuit High
P0888	TCM Power Relay Sense Circuit
P0889	TCM Power Relay Sense Circuit Range/Performance
P088A	Transmission Fluid Filter Deteriorated
P088B	Transmission Fluid Filter Very Deteriorated
P0890	TCM Power Relay Sense Circuit Low
P0891	TCM Power Relay Sense Circuit High
P0892	TCM Power Relay Sense Circuit Intermittent
P0893	Multiple Gears Engaged
P0894	Transmission Component Slipping
P0895	Shift Time Too Short
P0896	Shift Time Too Long
P0897	Transmission Fluid Deteriorated
P0898	Transmission Control System MIL Request Circuit Low
P0899	Transmission Control System MIL Request Circuit High

P09XX

Transmission



Code	Definition
P0900	Clutch Actuator Circuit/Open
P0901	Clutch Actuator Circuit Range/Performance
P0902	Clutch Actuator Circuit Low
P0903	Clutch Actuator Circuit High
P0904	Gate Select Position Circuit
P0905	Gate Select Position Circuit Range/Performance
P0906	Gate Select Position Circuit Low
P0907	Gate Select Position Circuit High
P0908	Gate Select Position Circuit Intermittent
P0909	Gate Select Control Error
P0910	Gate Select Actuator Circuit/Open
P0911	Gate Select Actuator Circuit Range/Performance
P0912	Gate Select Actuator Circuit Low
P0913	Gate Select Actuator Circuit High
P0914	Gear Shift Position Circuit
P0915	Gear Shift Position Circuit Range/Performance
P0916	Gear Shift Position Circuit Low
P0917	Gear Shift Position Circuit High
P0918	Gear Shift Position Circuit Intermittent
P0919	Gear Shift Position Control Error
P0920	Gear Shift Forward Actuator Circuit/Open
P0921	Gear Shift Forward Actuator Circuit Range/Performance
P0922	Gear Shift Forward Actuator Circuit Low
P0923	Gear Shift Forward Actuator Circuit High
P0924	Gear Shift Reverse Actuator Circuit/Open
P0925	Gear Shift Reverse Actuator Circuit Range/Performance
P0926	Gear Shift Reverse Actuator Circuit Low
P0927	Gear Shift Reverse Actuator Circuit High
P0928	Gear Shift Lock Solenoid/Actuator Control Circuit "A"/Open

P0929	Gear Shift Lock Solenoid/Actuator Control Circuit "A"
P092A	Gear Shift Lock Solenoid/Actuator Control Circuit "B"/Open
P092B	Gear Shift Lock Solenoid/Actuator Control Circuit "B"
P092C	Gear Shift Lock Solenoid/Actuator Control Circuit "B" Low
P092D	Gear Shift Lock Solenoid/Actuator Control Circuit "B" High
P0930	Gear Shift Lock Solenoid/Actuator Control Circuit "A" Low
P0931	Gear Shift Lock Solenoid/Actuator Control Circuit "A" High
P0932	Hydraulic Pressure Sensor Circuit
P0933	Hydraulic Pressure Sensor Range/Performance
P0934	Hydraulic Pressure Sensor Circuit Low
P0935	Hydraulic Pressure Sensor Circuit High
P0936	Hydraulic Pressure Sensor Circuit Intermittent
P0937	Hydraulic Oil Temperature Sensor Circuit
P0938	Hydraulic Oil Temperature Sensor Range/Performance
P0939	Hydraulic Oil Temperature Sensor Circuit Low
P0940	Hydraulic Oil Temperature Sensor Circuit High
P0941	Hydraulic Oil Temperature Sensor Circuit Intermittent
P0942	Hydraulic Pressure Unit
P0943	Hydraulic Pressure Unit Cycling Period Too Short
P0944	Hydraulic Pressure Unit Loss of Pressure
P0945	Hydraulic Pump Relay Circuit/Open
P0946	Hydraulic Pump Relay Circuit Range/Performance
P0947	Hydraulic Pump Relay Circuit Low
P0948	Hydraulic Pump Relay Circuit High
P0949	Auto Shift Manual Adaptive Learning not Complete
P0950	Auto Shift Manual Control Circuit
P0951	Auto Shift Manual Control Circuit Range/Performance
P0952	Auto Shift Manual Control Circuit Low
P0953	Auto Shift Manual Control Circuit High
P0954	Auto Shift Manual Control Circuit Intermittent

P0955	Auto Shift Manual Mode Circuit
P0956	Auto Shift Manual Mode Circuit Range/Performance
P0957	Auto Shift Manual Mode Circuit Low
P0958	Auto Shift Manual Mode Circuit High
P0959	Auto Shift Manual Mode Circuit Intermittent
P0960	Pressure Control Solenoid "A" Control Circuit/Open
P0961	Pressure Control Solenoid "A" Control Circuit Range/Performance
P0962	Pressure Control Solenoid "A" Control Circuit Low
P0963	Pressure Control Solenoid "A" Control Circuit High
P0964	Pressure Control Solenoid "B" Control Circuit/Open
P0965	Pressure Control Solenoid "B" Control Circuit Range/Performance
P0966	Pressure Control Solenoid "B" Control Circuit Low
P0967	Pressure Control Solenoid "B" Control Circuit High
P0968	Pressure Control Solenoid "C" Control Circuit/Open
P0969	Pressure Control Solenoid "C" Control Circuit Range/Performance
P0970	Pressure Control Solenoid "C" Control Circuit Low
P0971	Pressure Control Solenoid "C" Control Circuit High
P0972	Shift Solenoid "A" Control Circuit Range/Performance
P0973	Shift Solenoid "A" Control Circuit Low
P0974	Shift Solenoid "A" Control Circuit High
P0975	Shift Solenoid "B" Control Circuit Range/Performance
P0976	Shift Solenoid "B" Control Circuit Low
P0977	Shift Solenoid "B" Control Circuit High
P0978	Shift Solenoid "C" Control Circuit Range/Performance
P0979	Shift Solenoid "C" Control Circuit Low
P0980	Shift Solenoid "C" Control Circuit High
P0981	Shift Solenoid "D" Control Circuit Range/Performance
P0982	Shift Solenoid "D" Control Circuit Low

P0983	Shift Solenoid "D" Control Circuit High
P0984	Shift Solenoid "E" Control Circuit Range/Performance
P0985	Shift Solenoid "E" Control Circuit Low
P0986	Shift Solenoid "E" Control Circuit High
P0987	Transmission Fluid Pressure Sensor/Switch "E" Circuit
P0988	Transmission Fluid Pressure Sensor/Switch "E" Circuit
P0989	Transmission Fluid Pressure Sensor/Switch "E" Circuit Low
P0990	Transmission Fluid Pressure Sensor/Switch "E" Circuit High
P0991	Transmission Fluid Pressure Sensor/Switch "E" Circuit Intermittent
P0992	Transmission Fluid Pressure Sensor/Switch "F" Circuit
P0993	Transmission Fluid Pressure Sensor/Switch "F" Circuit
P0994	Transmission Fluid Pressure Sensor/Switch "F" Circuit Low
P0995	Transmission Fluid Pressure Sensor/Switch "F" Circuit High
P0996	Transmission Fluid Pressure Sensor/Switch "F" Circuit Intermittent
P0997	Shift Solenoid "F" Control Circuit Range/Performance
P0998	Shift Solenoid "F" Control Circuit Low
P0999	Shift Solenoid "F" Control Circuit High
P099A	Shift Solenoid "G" Control Circuit Range/Performance
P099B	Shift Solenoid "G" Control Circuit Low
P099C	Shift Solenoid "G" Control Circuit High
P099D	Shift Solenoid "H" Control Circuit Range/Performance
P099E	Shift Solenoid "H" Control Circuit Low
P099F	Shift Solenoid "H" Control Circuit High
P1000	Manufacturer Controlled DTC

POAXX

Hybrids



Code	Definition
P0A00	Motor Electronics Coolant Temperature Sensor Circuit
P0A01	Range/Performance
P0A02	Motor Electronics Coolant Temperature Sensor Circuit Low
P0A03	Motor Electronics Coolant Temperature Sensor Circuit High
P0A04	Motor Electronics Coolant Temperature Sensor Circuit Intermittent
P0A05	Motor Electronics Coolant Pump "A" Control Circuit/Open
P0A06	Motor Electronics Coolant Pump "A" Control Circuit Low
P0A07	Motor Electronics Coolant Pump "A" Control Circuit High
P0A08	DC/DC Converter Status Circuit
P0A09	DC/DC Converter Status Circuit Low
P0A0A	High Voltage System Interlock Circuit
P0A0B	High Voltage System Interlock Circuit Performance
P0A0C	High Voltage System Interlock Circuit Low
P0A0D	High Voltage System Interlock Circuit High
P0A0E	High Voltage System Interlock Circuit Intermittent
P0A0F	Engine Failed to Start
P0A10	DC/DC Converter Status Circuit High
P0A11	DC/DC Converter Enable Circuit/Open
P0A12	DC/DC Converter Enable Circuit Low
P0A13	DC/DC Converter Enable Circuit High
P0A14	Engine Mount "A" Control Circuit/Open
P0A15	Engine Mount "A" Control Circuit Low
P0A16	Engine Mount "A" Control Circuit High
P0A17	Motor Torque Sensor Circuit
P0A18	Motor Torque Sensor Circuit Range/Performance
P0A19	Motor Torque Sensor Circuit Low
P0A1A	Generator Control Module
P0A1B	Drive Motor "A" Control Module

POA1C	Drive Motor "B" Control Module
POA1D	Hybrid Powertrain Control Module
POA1E	Starter/Generator Control Module
POA1F	Battery Energy Control Module
POA20	Motor Torque Sensor Circuit High
POA21	Motor Torque Sensor Circuit Intermittent
POA22	Generator Torque Sensor Circuit
POA23	Generator Torque Sensor Circuit Range/Performance
POA24	Generator Torque Sensor Circuit Low
POA25	Generator Torque Sensor Circuit High
POA26	Generator Torque Sensor Circuit Intermittent
POA27	Hybrid Battery Power Off Circuit
POA28	Hybrid Battery Power Off Circuit Low
POA29	Hybrid Battery Power Off Circuit High
POA2A	Drive Motor "A" Temperature Sensor Circuit
POA2B	Drive Motor "A" Temperature Sensor Circuit Range/Performance
POA2C	Drive Motor "A" Temperature Sensor Circuit Low
POA2D	Drive Motor "A" Temperature Sensor Circuit High
POA2E	Drive Motor "A" Temperature Sensor Circuit Intermittent
POA2F	Drive Motor "A" Over Temperature
POA30	Drive Motor "B" Temperature Sensor Circuit
POA31	Drive Motor "B" Temperature Sensor Circuit Range/Performance
POA32	Drive Motor "B" Temperature Sensor Circuit Low
POA33	Drive Motor "B" Temperature Sensor Circuit High
POA34	Drive Motor "B" Temperature Sensor Circuit Intermittent
POA35	Drive Motor "B" Over Temperature
POA36	Generator Temperature Sensor Circuit
POA37	Generator Temperature Sensor Circuit Range/Performance

P0A38	Generator Temperature Sensor Circuit Low
P0A39	Generator Temperature Sensor Circuit High
P0A3A	Generator Temperature Sensor Circuit Intermittent
P0A3B	Generator Over Temperature
P0A3C	Drive Motor "A" Inverter Over Temperature
P0A3D	Drive Motor "B" Inverter Over Temperature
P0A3E	Generator Inverter Over Temperature
P0A3F	Drive Motor "A" Position Sensor Circuit
P0A40	Drive Motor "A" Position Sensor Circuit Range/Performance
P0A41	Drive Motor "A" Position Sensor Circuit Low
P0A42	Drive Motor "A" Position Sensor Circuit High
P0A43	Drive Motor "A" Position Sensor Circuit Intermittent
P0A44	Drive Motor "A" Position Sensor Circuit Overspeed
P0A45	Drive Motor "B" Position Sensor Circuit
P0A46	Drive Motor "B" Position Sensor Circuit Range/Performance
P0A47	Drive Motor "B" Position Sensor Circuit Low
P0A48	Drive Motor "B" Position Sensor Circuit High
P0A49	Drive Motor "B" Position Sensor Circuit Intermittent
P0A4A	Drive Motor "B" Position Sensor Circuit Overspeed
P0A4B	Generator Position Sensor Circuit
P0A4C	Generator Position Sensor Circuit Range/Performance
P0A4D	Generator Position Sensor Circuit Low
P0A4E	Generator Position Sensor Circuit High
P0A4F	Generator Position Sensor Circuit Intermittent
P0A50	Generator Position Sensor Circuit Overspeed
P0A51	Drive Motor "A" Current Sensor Circuit
P0A52	Drive Motor "A" Current Sensor Circuit Range/Performance
P0A53	Drive Motor "A" Current Sensor Circuit Low
P0A54	Drive Motor "A" Current Sensor Circuit High

P0A55	Drive Motor "B" Current Sensor Circuit
P0A56	Drive Motor "B" Current Sensor Circuit Range/Performance
P0A57	Drive Motor "B" Current Sensor Circuit Low
P0A58	Drive Motor "B" Current Sensor Circuit High
P0A59	Generator Current Sensor Circuit
P0A5A	Generator Current Sensor Circuit Range/Performance
P0A5B	Generator Current Sensor Circuit Low
P0A5C	Generator Current Sensor Circuit High
P0A5D	Drive Motor "A" Phase U Current
P0A5E	Drive Motor "A" Phase U Current Low
P0A5F	Drive Motor "A" Phase U Current High
P0A60	Drive Motor "A" Phase V Current
P0A61	Drive Motor "A" Phase V Current Low
P0A62	Drive Motor "A" Phase V Current High
P0A63	Drive Motor "A" Phase W Current
P0A64	Drive Motor "A" Phase W Current Low
P0A65	Drive Motor "A" Phase W Current High
P0A66	Drive Motor "B" Phase U Current
P0A67	Drive Motor "B" Phase U Current Low
P0A68	Drive Motor "B" Phase U Current High
P0A69	Drive Motor "B" Phase V Current
P0A6A	Drive Motor "B" Phase V Current Low
P0A6B	Drive Motor "B" Phase V Current High
P0A6C	Drive Motor "B" Phase W Current
P0A6D	Drive Motor "B" Phase W Current Low
P0A6E	Drive Motor "B" Phase W Current High
P0A6F	Generator Phase U Current
P0A70	Generator Phase U Current Low
P0A71	Generator Phase U Current High
P0A72	Generator Phase V Current

P0A73	Generator Phase V Current Low
P0A74	Generator Phase V Current High
P0A75	Generator Phase W Current
P0A76	Generator Phase W Current Low
P0A77	Generator Phase W Current High
P0A78	Drive Motor "A" Inverter Performance
P0A79	Drive Motor "B" Inverter Performance
P0A7A	Generator Inverter Performance
P0A7B	Battery Energy Control Module Requested MIL Illumination
P0A7C	Motor Electronics Over Temperature
P0A7D	Hybrid Battery Pack State of Charge Low
P0A7E	Hybrid Battery Pack Over Temperature
P0A7F	Hybrid Battery Pack Deterioration
P0A80	Replace Hybrid Battery Pack
P0A81	Hybrid Battery Pack Cooling Fan 1 Control Circuit/Open
P0A82	Hybrid Battery Pack Cooling Fan 1 Performance/Stuck Off
P0A83	Hybrid Battery Pack Cooling Fan 1 Stuck On
P0A84	Hybrid Battery Pack Cooling Fan 1 Control Circuit Low
P0A85	Hybrid Battery Pack Cooling Fan 1 Control Circuit High
P0A86	14 Volt Power Module Current Sensor Circuit
P0A87	14 Volt Power Module Current Sensor Circuit Range/Performance
P0A88	14 Volt Power Module Current Sensor Circuit Low
P0A89	14 Volt Power Module Current Sensor Circuit High
P0A8A	14 Volt Power Module Current Sensor Circuit Intermittent
P0A8B	14 Volt Power Module System Voltage
P0A8C	14 Volt Power Module System Voltage Unstable
P0A8D	14 Volt Power Module System Voltage Low
P0A8E	14 Volt Power Module System Voltage High
P0A8F	14 Volt Power Module System Performance

P0A90	Drive Motor "A" Performance
P0A91	Drive Motor "B" Performance
P0A92	Hybrid Generator Performance
P0A93	Inverter "A" Cooling System Performance
P0A94	DC/DC Converter Performance
P0A95	High Voltage Fuse
P0A96	Hybrid Battery Pack Cooling Fan 2 Control Circuit/Open
P0A97	Hybrid Battery Pack Cooling Fan 2 Performance/Stuck Off
P0A98	Hybrid Battery Pack Cooling Fan 2 Stuck On
P0A99	Hybrid Battery Pack Cooling Fan 2 Control Circuit Low
P0A9A	Hybrid Battery Pack Cooling Fan 2 Control Circuit High
P0A9B	Hybrid Battery Temperature Sensor "A" Circuit
P0A9C	Hybrid Battery Temperature Sensor "A" Range/Performance
P0A9D	Hybrid Battery Temperature Sensor "A" Circuit Low
P0A9E	Hybrid Battery Temperature Sensor "A" Circuit High
P0A9F	Hybrid Battery Temperature Sensor "A" Circuit Intermittent/Erratic
P0AA0	Hybrid Battery Positive Contactor Circuit
P0AA1	Hybrid Battery Positive Contactor Circuit Stuck Closed
P0AA2	Hybrid Battery Positive Contactor Circuit Stuck Open
P0AA3	Hybrid Battery Negative Contactor Circuit
P0AA4	Hybrid Battery Negative Contactor Circuit Stuck Closed
P0AA5	Hybrid Battery Negative Contactor Circuit Stuck Open
P0AA6	Hybrid Battery Voltage System Isolation Fault
P0AA7	Hybrid Battery Voltage Isolation Sensor Circuit
P0AA8	Hybrid Battery Voltage Isolation Sensor Circuit Range/Performance
P0AA9	Hybrid Battery Voltage Isolation Sensor Circuit Low
P0AAA	Hybrid Battery Voltage Isolation Sensor Circuit High

P0AAB	Hybrid Battery Voltage Isolation Sensor Circuit Intermittent/Erratic
P0AAC	Hybrid Battery Pack Air Temperature Sensor "A" Circuit
P0AAD	Range/Performance
P0AAE	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Low
P0AAF	Hybrid Battery Pack Air Temperature Sensor "A" Circuit High
P0AB0	Intermittent/Erratic
P0AB1	Hybrid Battery Pack Air Temperature Sensor "B" Circuit
P0AB2	Hybrid Battery Pack Air Temperature Sensor "B" Circuit
P0AB3	Hybrid Battery Pack Air Temperature Sensor "B" Circuit Low
P0AB4	Hybrid Battery Pack Air Temperature Sensor "B" Circuit High
P0AB5	Intermittent/Erratic
P0AB6	Engine Mount "B" Control Circuit/Open
P0AB7	Engine Mount "B" Control Circuit Low
P0AB8	Engine Mount "B" Control Circuit High
P0AB9	Hybrid System Performance
P0ABA	Hybrid Battery Pack Voltage Sense "A" Circuit
P0ABB	Hybrid Battery Pack Voltage Sense "A" Circuit Range/Performance
P0ABC	Hybrid Battery Pack Voltage Sense "A" Circuit Low
P0ABD	Hybrid Battery Pack Voltage Sense "A" Circuit High
P0ABE	Hybrid Battery Pack Voltage Sense "A" Circuit Intermittent/Erratic
P0ABF	Hybrid Battery Pack Current Sensor "A" Circuit
P0AC0	Hybrid Battery Pack Current Sensor "A" Circuit Range/Performance
P0AC1	Hybrid Battery Pack Current Sensor "A" Circuit Low
P0AC2	Hybrid Battery Pack Current Sensor "A" Circuit High

P0AC3	Hybrid Battery Pack Current Sensor "A" Circuit Intermittent/Erratic
P0AC4	Hybrid Powertrain Control Module Requested MIL Illumination
P0AC5	Hybrid Battery Temperature Sensor "B" Circuit
P0AC6	Hybrid Battery Temperature Sensor "B" Range/Performance
P0AC7	Hybrid Battery Temperature Sensor "B" Circuit Low
P0AC8	Hybrid Battery Temperature Sensor "B" Circuit High
P0AC9	Hybrid Battery Temperature Sensor "B" Circuit Intermittent/Erratic
P0ACA	Hybrid Battery Temperature Sensor "C" Circuit
P0ACB	Hybrid Battery Temperature Sensor "C" Range/Performance
P0ACC	Hybrid Battery Temperature Sensor "C" Circuit Low
P0ACD	Hybrid Battery Temperature Sensor "C" Circuit High
P0ACE	Hybrid Battery Temperature Sensor "C" Circuit Intermittent/Erratic
P0ACF	Hybrid Battery Pack Cooling Fan 3 Control Circuit/Open
P0AD0	Hybrid Battery Pack Cooling Fan 3 Performance/Stuck Off
P0AD1	Hybrid Battery Pack Cooling Fan 3 Stuck On
P0AD2	Hybrid Battery Pack Cooling Fan 3 Control Circuit Low
P0AD3	Hybrid Battery Pack Cooling Fan 3 Control Circuit High
P0AD4	Hybrid Battery Pack Air Flow System Insufficient Air Flow
P0AD5	Hybrid Battery Pack Air Flow Valve "A" Control Circuit/Open
P0AD6	Range/Performance
P0AD7	Hybrid Battery Pack Air Flow Valve "A" Control Circuit Low
P0AD8	Hybrid Battery Pack Air Flow Valve "A" Control Circuit High
P0AD9	Hybrid Battery Positive Contactor Control Circuit/Open
P0ADA	Range/Performance

P0ADB	Hybrid Battery Positive Contactor Control Circuit Low
P0ADC	Hybrid Battery Positive Contactor Control Circuit High
P0ADD	Hybrid Battery Negative Contactor Control Circuit/Open
P0ADE	Range/Performance
P0ADF	Hybrid Battery Negative Contactor Control Circuit Low
P0AE0	Hybrid Battery Negative Contactor Control Circuit High
P0AE1	Hybrid Battery Precharge Contactor Circuit
P0AE2	Hybrid Battery Precharge Contactor Circuit Stuck Closed
P0AE3	Hybrid Battery Precharge Contactor Circuit Stuck Open
P0AE4	Hybrid Battery Precharge Contactor Control Circuit
P0AE5	Range/Performance
P0AE6	Hybrid Battery Precharge Contactor Control Circuit Low
P0AE7	Hybrid Battery Precharge Contactor Control Circuit High
P0AE8	Hybrid Battery Temperature Sensor "D" Circuit
P0AE9	Hybrid Battery Temperature Sensor "D" Range/Performance
P0AEA	Hybrid Battery Temperature Sensor "D" Circuit Low
P0AEB	Hybrid Battery Temperature Sensor "D" Circuit High
P0AEC	Hybrid Battery Temperature Sensor "D" Circuit Intermittent/Erratic
P0AED	Drive Motor Inverter Temperature Sensor "A" Circuit
P0AEE	Range/Performance
P0AEF	Drive Motor Inverter Temperature Sensor "A" Circuit Low
P0AF0	Drive Motor Inverter Temperature Sensor "A" Circuit High
P0AF1	Intermittent/Erratic
P0AF2	Drive Motor Inverter Temperature Sensor "B" Circuit
P0AF3	Range/Performance
P0AF4	Drive Motor Inverter Temperature Sensor "B" Circuit Low
P0AF5	Drive Motor Inverter Temperature Sensor "B" Circuit High
P0AF6	Intermittent/Erratic
P0AF7	14 Volt Power Module Internal Temperature Too High

P0AF8	Hybrid Battery System Voltage
P0AF9	Hybrid Battery System Voltage Unstable
P0AFA	Hybrid Battery System Voltage Low
P0AFB	Hybrid Battery System Voltage High
P0AFC	Hybrid Battery Pack Sensor Module
P0AFD	Hybrid Battery Pack Temperature Too Low
P0AFE	Conversion
P0AFF	System Voltage Too Low for Voltage Step Down Conversion

POBXX

Hybrids



Code	Definition
P0B00	AUXILIARY Transmission Fluid Pump Motor Phase U Current
P0B01	AUXILIARY Transmission Fluid Pump Motor Phase U Current Low
P0B02	AUXILIARY Transmission Fluid Pump Motor Phase U Current High
P0B03	AUXILIARY Transmission Fluid Pump Motor Phase V Current
P0B04	AUXILIARY Transmission Fluid Pump Motor Phase V Current Low
P0B05	AUXILIARY Transmission Fluid Pump Motor Phase V Current High
P0B06	AUXILIARY Transmission Fluid Pump Motor Phase W Current
P0B07	AUXILIARY Transmission Fluid Pump Motor Phase W Current Low
P0B08	AUXILIARY Transmission Fluid Pump Motor Phase W Current High
P0B09	AUXILIARY Transmission Fluid Pump Motor Supply Voltage
P0B0A	AUXILIARY Transmission Fluid Pump Motor Supply Voltage Circuit
P0B0B	AUXILIARY Transmission Fluid Pump Motor Supply Voltage Circuit
P0B0C	AUXILIARY Transmission Fluid Pump Hydraulic Leakage
P0B0D	AUXILIARY Transmission Fluid Pump Motor Control Module
P0B0E	Hybrid Battery Pack Current Sensor "B" Circuit
P0B0F	Hybrid Battery Pack Current Sensor "B" Circuit Range/Performance
P0B10	Hybrid Battery Pack Current Sensor "B" Circuit Low
P0B11	Hybrid Battery Pack Current Sensor "B" Circuit High

POB12	Hybrid Battery Pack Current Sensor "B" Circuit Intermittent/Erratic
POB13	Hybrid Battery Pack Current Sensor "A"/"B" Correlation
POB14	Hybrid Battery Pack Voltage Sense "B" Circuit
POB15	Hybrid Battery Pack Voltage Sense "B" Circuit Range/Performance
POB16	Hybrid Battery Pack Voltage Sense "B" Circuit Low
POB17	Hybrid Battery Pack Voltage Sense "B" Circuit High
POB18	Hybrid Battery Pack Voltage Sense "B" Circuit Intermittent/Erratic
POB19	Hybrid Battery Pack Voltage Sense "C" Circuit
POB1A	Hybrid Battery Pack Voltage Sense "C" Circuit Range/Performance
POB1B	Hybrid Battery Pack Voltage Sense "C" Circuit Low
POB1C	Hybrid Battery Pack Voltage Sense "C" Circuit High
POB1D	Hybrid Battery Pack Voltage Sense "C" Circuit Intermittent/Erratic
POB1E	Hybrid Battery Pack Voltage Sense "D" Circuit
POB1F	Hybrid Battery Pack Voltage Sense "D" Circuit Range/Performance
POB20	Hybrid Battery Pack Voltage Sense "D" Circuit Low
POB21	Hybrid Battery Pack Voltage Sense "D" Circuit High
POB22	Hybrid Battery Pack Voltage Sense "D" Circuit Intermittent/Erratic
POB23	Hybrid Battery "A" Voltage
POB24	Hybrid Battery "A" Voltage Unstable
POB25	Hybrid Battery "A" Voltage Low
POB26	Hybrid Battery "A" Voltage High
POB27	Hybrid Battery "B" Voltage
POB28	Hybrid Battery "B" Voltage Unstable
POB29	Hybrid Battery "B" Voltage Low

P0B2A	Hybrid Battery "B" Voltage High
P0B2B	Hybrid Battery "C" Voltage
P0B2C	Hybrid Battery "C" Voltage Unstable
P0B2D	Hybrid Battery "C" Voltage Low
P0B2E	Hybrid Battery "C" Voltage High
P0B2F	Hybrid Battery "D" Voltage
P0B30	Hybrid Battery "D" Voltage Unstable
P0B31	Hybrid Battery "D" Voltage Low
P0B32	Hybrid Battery "D" Voltage High
P0B33	High Voltage Service Disconnect Circuit
P0B34	High Voltage Service Disconnect Circuit Performance
P0B35	High Voltage Service Disconnect Circuit Low
P0B36	High Voltage Service Disconnect Circuit High
P0B37	High Voltage Service Disconnect Open
P0B38	Motor Electronics Coolant Pump "B" Control Circuit/Open
P0B39	Motor Electronics Coolant Pump "B" Control Circuit Low
P0B3A	Motor Electronics Coolant Pump "B" Control Circuit High
P0B3B	Hybrid Battery Voltage Sense "A" Circuit
P0B3C	Hybrid Battery Voltage Sense "A" Circuit Range/Performance
P0B3D	Hybrid Battery Voltage Sense "A" Circuit Low
P0B3E	Hybrid Battery Voltage Sense "A" Circuit High
P0B3F	Hybrid Battery Voltage Sense "A" Circuit Intermittent/Erratic
P0B40	Hybrid Battery Voltage Sense "B" Circuit
P0B41	Hybrid Battery Voltage Sense "B" Circuit Range/Performance
P0B42	Hybrid Battery Voltage Sense "B" Circuit Low
P0B43	Hybrid Battery Voltage Sense "B" Circuit High
P0B44	Hybrid Battery Voltage Sense "B" Circuit Intermittent/Erratic

P0B45	Hybrid Battery Voltage Sense "C" Circuit
P0B46	Hybrid Battery Voltage Sense "C" Circuit Range/Performance
P0B47	Hybrid Battery Voltage Sense "C" Circuit Low
P0B48	Hybrid Battery Voltage Sense "C" Circuit High
P0B49	Hybrid Battery Voltage Sense "C" Circuit Intermittent/Erratic
P0B4A	Hybrid Battery Voltage Sense "D" Circuit
P0B4B	Hybrid Battery Voltage Sense "D" Circuit Range/Performance
P0B4C	Hybrid Battery Voltage Sense "D" Circuit Low
P0B4D	Hybrid Battery Voltage Sense "D" Circuit High
P0B4E	Hybrid Battery Voltage Sense "D" Circuit Intermittent/Erratic
P0B4F	Hybrid Battery Voltage Sense "E" Circuit
P0B50	Hybrid Battery Voltage Sense "E" Circuit Range/Performance
P0B51	Hybrid Battery Voltage Sense "E" Circuit Low
P0B52	Hybrid Battery Voltage Sense "E" Circuit High
P0B53	Hybrid Battery Voltage Sense "E" Circuit Intermittent/Erratic
P0B54	Hybrid Battery Voltage Sense "F" Circuit
P0B55	Hybrid Battery Voltage Sense "F" Circuit Range/Performance
P0B56	Hybrid Battery Voltage Sense "F" Circuit Low
P0B57	Hybrid Battery Voltage Sense "F" Circuit High
P0B58	Hybrid Battery Voltage Sense "F" Circuit Intermittent/Erratic
P0B59	Hybrid Battery Voltage Sense "G" Circuit
P0B5A	Hybrid Battery Voltage Sense "G" Circuit Range/Performance
P0B5B	Hybrid Battery Voltage Sense "G" Circuit Low

P0B5C	Hybrid Battery Voltage Sense "G" Circuit High
P0B5D	Hybrid Battery Voltage Sense "G" Circuit Intermittent/Erratic
P0B5E	Hybrid Battery Voltage Sense "H" Circuit
P0B5F	Hybrid Battery Voltage Sense "H" Circuit Range/Performance
P0B60	Hybrid Battery Voltage Sense "H" Circuit Low
P0B61	Hybrid Battery Voltage Sense "H" Circuit High
P0B62	Hybrid Battery Voltage Sense "H" Circuit Intermittent/Erratic
P0B63	Hybrid Battery Voltage Sense "I" Circuit
P0B64	Hybrid Battery Voltage Sense "I" Circuit Range/Performance
P0B65	Hybrid Battery Voltage Sense "I" Circuit Low
P0B66	Hybrid Battery Voltage Sense "I" Circuit High
P0B67	Hybrid Battery Voltage Sense "I" Circuit Intermittent/Erratic
P0B68	Hybrid Battery Voltage Sense "J" Circuit
P0B69	Hybrid Battery Voltage Sense "J" Circuit Range/Performance
P0B6A	Hybrid Battery Voltage Sense "J" Circuit Low
P0B6B	Hybrid Battery Voltage Sense "J" Circuit High
P0B6C	Hybrid Battery Voltage Sense "J" Circuit Intermittent/Erratic
P0B6D	Hybrid Battery Voltage Sense "K" Circuit
P0B6E	Hybrid Battery Voltage Sense "K" Circuit Range/Performance
P0B6F	Hybrid Battery Voltage Sense "K" Circuit Low
P0B70	Hybrid Battery Voltage Sense "K" Circuit High
P0B71	Hybrid Battery Voltage Sense "K" Circuit Intermittent/Erratic
P0B72	Hybrid Battery Voltage Sense "L" Circuit

P0B73	Hybrid Battery Voltage Sense "L" Circuit Range/Performance
P0B74	Hybrid Battery Voltage Sense "L" Circuit Low
P0B75	Hybrid Battery Voltage Sense "L" Circuit High
P0B76	Hybrid Battery Voltage Sense "L" Circuit Intermittent/Erratic
P0B77	Hybrid Battery Voltage Sense "M" Circuit
P0B78	Hybrid Battery Voltage Sense "M" Circuit Range/Performance
P0B79	Hybrid Battery Voltage Sense "M" Circuit Low
P0B7A	Hybrid Battery Voltage Sense "M" Circuit High
P0B7B	Hybrid Battery Voltage Sense "M" Circuit Intermittent/Erratic
P0B7C	Hybrid Battery Voltage Sense "N" Circuit
P0B7D	Hybrid Battery Voltage Sense "N" Circuit Range/Performance
P0B7E	Hybrid Battery Voltage Sense "N" Circuit Low
P0B7F	Hybrid Battery Voltage Sense "N" Circuit High
P0B80	Hybrid Battery Voltage Sense "N" Circuit Intermittent/Erratic
P0B81	Hybrid Battery Voltage Sense "O" Circuit
P0B82	Hybrid Battery Voltage Sense "O" Circuit Range/Performance
P0B83	Hybrid Battery Voltage Sense "O" Circuit Low
P0B84	Hybrid Battery Voltage Sense "O" Circuit High
P0B85	Hybrid Battery Voltage Sense "O" Circuit Intermittent/Erratic
P0B86	Hybrid Battery Voltage Sense "P" Circuit
P0B87	Hybrid Battery Voltage Sense "P" Circuit Range/Performance
P0B88	Hybrid Battery Voltage Sense "P" Circuit Low
P0B89	Hybrid Battery Voltage Sense "P" Circuit High

P0B8A	Hybrid Battery Voltage Sense "P" Circuit Intermittent/Erratic
P0B8B	Hybrid Battery Voltage Sense "Q" Circuit
P0B8C	Hybrid Battery Voltage Sense "Q" Circuit Range/Performance
P0B8D	Hybrid Battery Voltage Sense "Q" Circuit Low
P0B8E	Hybrid Battery Voltage Sense "Q" Circuit High
P0B8F	Hybrid Battery Voltage Sense "Q" Circuit Intermittent/Erratic
P0B90	Hybrid Battery Voltage Sense "R" Circuit
P0B91	Hybrid Battery Voltage Sense "R" Circuit Range/Performance
P0B92	Hybrid Battery Voltage Sense "R" Circuit Low
P0B93	Hybrid Battery Voltage Sense "R" Circuit High
P0B94	Hybrid Battery Voltage Sense "R" Circuit Intermittent/Erratic
P0B95	Hybrid Battery Voltage Sense "S" Circuit
P0B96	Hybrid Battery Voltage Sense "S" Circuit Range/Performance
P0B97	Hybrid Battery Voltage Sense "S" Circuit Low
P0B98	Hybrid Battery Voltage Sense "S" Circuit High
P0B99	Hybrid Battery Voltage Sense "S" Circuit Intermittent/Erratic
P0B9A	Hybrid Battery Voltage Sense "T" Circuit
P0B9B	Hybrid Battery Voltage Sense "T" Circuit Range/Performance
P0B9C	Hybrid Battery Voltage Sense "T" Circuit Low
P0B9D	Hybrid Battery Voltage Sense "T" Circuit High
P0B9E	Hybrid Battery Voltage Sense "T" Circuit Intermittent/Erratic
P0B9F	Hybrid Battery Voltage Sense "U" Circuit

P0BA0	Hybrid Battery Voltage Sense "U" Circuit Range/Performance
P0BA1	Hybrid Battery Voltage Sense "U" Circuit Low
P0BA2	Hybrid Battery Voltage Sense "U" Circuit High
P0BA3	Hybrid Battery Voltage Sense "U" Circuit Intermittent/Erratic
P0BA4	Hybrid Battery Voltage Sense "V" Circuit
P0BA5	Hybrid Battery Voltage Sense "V" Circuit Range/Performance
P0BA6	Hybrid Battery Voltage Sense "V" Circuit Low
P0BA7	Hybrid Battery Voltage Sense "V" Circuit High
P0BA8	Hybrid Battery Voltage Sense "V" Circuit Intermittent/Erratic
P0BA9	Hybrid Battery Voltage Sense "W" Circuit
POBAA	Hybrid Battery Voltage Sense "W" Circuit Range/Performance
P0BAB	Hybrid Battery Voltage Sense "W" Circuit Low
P0BAC	Hybrid Battery Voltage Sense "W" Circuit High
P0BAD	Hybrid Battery Voltage Sense "W" Circuit Intermittent/Erratic
P0BAE	Hybrid Battery Voltage Sense "X" Circuit
P0BAF	Hybrid Battery Voltage Sense "X" Circuit Range/Performance
P0BB0	Hybrid Battery Voltage Sense "X" Circuit Low
P0BB1	Hybrid Battery Voltage Sense "X" Circuit High
P0BB2	Hybrid Battery Voltage Sense "X" Circuit Intermittent/Erratic
P0BB3	Hybrid Battery Voltage Sense "Y" Circuit
P0BB4	Hybrid Battery Voltage Sense "Y" Circuit Range/Performance
P0BB5	Hybrid Battery Voltage Sense "Y" Circuit Low
P0BB6	Hybrid Battery Voltage Sense "Y" Circuit High

P0BB7	Hybrid Battery Voltage Sense "Y" Circuit Intermittent/Erratic
P0BB8	Hybrid Battery Voltage Sense "Z" Circuit
P0BB9	Hybrid Battery Voltage Sense "Z" Circuit Range/Performance
P0BBA	Hybrid Battery Voltage Sense "Z" Circuit Low
POBBBB	Hybrid Battery Voltage Sense "Z" Circuit High
P0BBC	Hybrid Battery Voltage Sense "Z" Circuit Intermittent/Erratic
POBBD	Hybrid Battery Pack Voltage Variation Exceeded Limit
P0BBE	Hybrid Battery Pack Voltage Variation
P0BBF	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit/Open
P0BC0	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit Low
P0BC1	Hybrid Battery Pack Cooling Fan Supply Voltage Circuit High
P0BC2	Hybrid Battery Temperature Sensor "E" Circuit
P0BC3	Hybrid Battery Temperature Sensor "E" Range/Performance
P0BC4	Hybrid Battery Temperature Sensor "E" Circuit Low
P0BC5	Hybrid Battery Temperature Sensor "E" Circuit High
P0BC6	Hybrid Battery Temperature Sensor "E" Circuit Intermittent/Erratic
P0BC7	Hybrid Battery Pack Cooling Fan Sense Circuit/Open
P0BC8	Hybrid Battery Pack Cooling Fan Sense Range/Performance
P0BC9	Hybrid Battery Pack Cooling Fan Sense Circuit Low
POBCA	Hybrid Battery Pack Cooling Fan Sense Circuit High
P0BCB	Hybrid Battery Pack Cooling Fan Sense Circuit Intermittent/Erratic
P0BCC	Generator Inverter Temperature Sensor Circuit

P0BCD	Generator Inverter Temperature Sensor Circuit Range/Performance
P0BCE	Generator Inverter Temperature Sensor Circuit Low
P0BCF	Generator Inverter Temperature Sensor Circuit High
P0BD0	Generator Inverter Temperature Sensor Circuit Intermittent/Erratic
P0BD1	Drive Motor Inverter Temperature Sensor "C" Circuit
P0BD2	Drive Motor Inverter Temperature Sensor "C" Circuit
P0BD3	Drive Motor Inverter Temperature Sensor "C" Circuit Low
P0BD4	Drive Motor Inverter Temperature Sensor "C" Circuit High
P0BD5	Drive Motor Inverter Temperature Sensor "C" Circuit
P0BD6	Drive Motor Inverter Temperature Sensor "D" Circuit
P0BD7	Drive Motor Inverter Temperature Sensor "D" Circuit
P0BD8	Drive Motor Inverter Temperature Sensor "D" Circuit Low
P0BD9	Drive Motor Inverter Temperature Sensor "D" Circuit High
P0BDA	Drive Motor Inverter Temperature Sensor "D" Circuit
P0BDB	Drive Motor Inverter Temperature Sensor "E" Circuit
P0BDC	Drive Motor Inverter Temperature Sensor "E" Circuit
P0BDD	Drive Motor Inverter Temperature Sensor "E" Circuit Low
P0BDE	Drive Motor Inverter Temperature Sensor "E" Circuit High
P0BDF	Drive Motor Inverter Temperature Sensor "E" Circuit
P0BE0	Drive Motor Inverter Temperature Sensor "F" Circuit
P0BE1	Drive Motor Inverter Temperature Sensor "F" Circuit
P0BE2	Drive Motor Inverter Temperature Sensor "F" Circuit Low
P0BE3	Drive Motor Inverter Temperature Sensor "F" Circuit High
P0BE4	Drive Motor Inverter Temperature Sensor "F" Circuit
P0BE5	Drive Motor "A" Phase U Current Sensor Circuit
P0BE6	Drive Motor "A" Phase U Current Sensor Circuit
P0BE7	Drive Motor "A" Phase U Current Sensor Circuit Low
P0BE8	Drive Motor "A" Phase U Current Sensor Circuit High
P0BE9	Drive Motor "A" Phase V Current Sensor Circuit

P0BEA	Drive Motor "A" Phase V Current Sensor Circuit
P0BEB	Drive Motor "A" Phase V Current Sensor Circuit Low
P0BEC	Drive Motor "A" Phase V Current Sensor Circuit High
P0BED	Drive Motor "A" Phase W Current Sensor Circuit
P0BEE	Drive Motor "A" Phase W Current Sensor Circuit
P0BEF	Drive Motor "A" Phase W Current Sensor Circuit Low
P0BF0	Drive Motor "A" Phase W Current Sensor Circuit High
P0BF1	Drive Motor "B" Phase U Current Sensor Circuit
P0BF2	Drive Motor "B" Phase U Current Sensor Circuit
P0BF3	Drive Motor "B" Phase U Current Sensor Circuit Low
P0BF4	Drive Motor "B" Phase U Current Sensor Circuit High
P0BF5	Drive Motor "B" Phase V Current Sensor Circuit
P0BF6	Drive Motor "B" Phase V Current Sensor Circuit
P0BF7	Drive Motor "B" Phase V Current Sensor Circuit Low
P0BF8	Drive Motor "B" Phase V Current Sensor Circuit High
P0BF9	Drive Motor "B" Phase W Current Sensor Circuit
P0BFA	Drive Motor "B" Phase W Current Sensor Circuit
P0BFB	Drive Motor "B" Phase W Current Sensor Circuit Low
P0BFC	Drive Motor "B" Phase W Current Sensor Circuit High
P0BFD	Drive Motor "A" Phase U-V-W Current Sensor Correlation
P0BFE	Drive Motor "B" Phase U-V-W Current Sensor Correlation
P0BFF	Drive Motor "A" Current

POCX

Hybrids



Code	Definition
POC00	Drive Motor "A" Current Low
POC01	Drive Motor "A" Current High
POC02	Drive Motor "B" Current
POC03	Drive Motor "B" Current Low
POC04	Drive Motor "B" Current High
POC05	Drive Motor "A" Phase U-V-W Circuit/Open
POC06	Drive Motor "A" Phase U-V-W Circuit Low
POC07	Drive Motor "A" Phase U-V-W Circuit High
POC08	Drive Motor "B" Phase U-V-W Circuit/Open
POC09	Drive Motor "B" Phase U-V-W Circuit Low
POC0A	Drive Motor "B" Phase U-V-W Circuit High
POC0B	Drive Motor "A" Inverter Power Supply Circuit/Open
POC0C	Drive Motor "A" Inverter Power Supply Circuit Low
POC0D	Drive Motor "A" Inverter Power Supply Circuit High
POC0E	Drive Motor "B" Inverter Power Supply Circuit/Open
POC0F	Drive Motor "B" Inverter Power Supply Circuit Low
POC10	Drive Motor "B" Inverter Power Supply Circuit High
POC11	Drive Motor "A" Inverter Phase U Over Temperature
POC12	Drive Motor "A" Inverter Phase V Over Temperature
POC13	Drive Motor "A" Inverter Phase W Over Temperature
POC14	Drive Motor "B" Inverter Phase U Over Temperature
POC15	Drive Motor "B" Inverter Phase V Over Temperature
POC16	Drive Motor "B" Inverter Phase W Over Temperature
POC17	Drive Motor "A" Position Sensor not Learned
POC18	Drive Motor "B" Position Sensor not Learned
POC19	Drive Motor "A" Torque Delivered Performance
POC1A	Drive Motor "B" Torque Delivered Performance
POC1B	AUXILIARY Transmission Fluid Pump Control Module Internal

POC1C	AUXILIARY Transmission Fluid Pump Control Module Internal
POC1D	AUXILIARY Transmission Fluid Pump Control Module Internal
POC1E	AUXILIARY Transmission Fluid Pump Control Module Internal
POC1F	AUXILIARY Transmission Fluid Pump Control Module Internal
POC20	AUXILIARY Transmission Fluid Pump Phase U-V-W Circuit/Open
POC21	AUXILIARY Transmission Fluid Pump Phase U-V-W Circuit Low
POC22	AUXILIARY Transmission Fluid Pump Phase U-V-W Circuit High
POC23	AUXILIARY Transmission Fluid Pump Control Module Circuit/Open
POC24	AUXILIARY Transmission Fluid Pump Control Module Circuit Low
POC25	AUXILIARY Transmission Fluid Pump Control Module Circuit High
POC26	AUXILIARY Transmission Fluid Pump Motor Current
POC27	AUXILIARY Transmission Fluid Pump Motor Current Low
POC28	AUXILIARY Transmission Fluid Pump Motor Current High
POC29	AUXILIARY Transmission Fluid Pump Driver Circuit Performance
POC2A	AUXILIARY Transmission Fluid Pump Motor Stalled
POC2B	AUXILIARY Transmission Fluid Pump Control Module Feedback
POC2C	AUXILIARY Transmission Fluid Pump Control Module Feedback
POC2D	AUXILIARY Transmission Fluid Pump Control Module Feedback

P0C2E	AUXILIARY Transmission Fluid Pump Control Module Feedback
P0C2F	Internal Control Module Drive Motor/Generator - Engine Speed
P0C30	Hybrid Battery Pack State of Charge High
P0C31	Inverter "B" Cooling System Performance
P0C32	Hybrid Battery Cooling System Performance
P0C33	Hybrid Battery Temperature Sensor "F" Circuit
P0C34	Hybrid Battery Temperature Sensor "F" Circuit Range/Performance
P0C35	Hybrid Battery Temperature Sensor "F" Circuit Low
P0C36	Hybrid Battery Temperature Sensor "F" Circuit High
P0C37	Hybrid Battery Temperature Sensor "F" Circuit Intermittent/Erratic
P0C38	DC/DC Converter Temperature Sensor "A" Circuit
P0C39	DC/DC Converter Temperature Sensor "A" Range/Performance
P0C3A	DC/DC Converter Temperature Sensor "A" Low
P0C3B	DC/DC Converter Temperature Sensor "A" High
P0C3C	DC/DC Converter Temperature Sensor "A" Intermittent/Erratic
P0C3D	DC/DC Converter Temperature Sensor "B" Circuit
P0C3E	DC/DC Converter Temperature Sensor "B" Range/Performance
P0C3A	DC/DC Converter Temperature Sensor "B" Low
P0C40	DC/DC Converter Temperature Sensor "B" High
P0C41	DC/DC Converter Temperature Sensor "B" Intermittent/Erratic
P0C42	Hybrid Battery Pack Coolant Temperature Sensor Circuit
P0C43	Hybrid Battery Pack Coolant Temperature Sensor Circuit
P0C44	Hybrid Battery Pack Coolant Temperature Sensor Circuit Low

P0C45	Hybrid Battery Pack Coolant Temperature Sensor Circuit High
P0C46	Hybrid Battery Pack Coolant Temperature Sensor Circuit
P0C47	Hybrid Battery Pack Coolant Pump Control Circuit/Open
P0C48	Hybrid Battery Pack Coolant Pump Control Circuit Low
P0C49	Hybrid Battery Pack Coolant Pump Control Circuit High
P0C4A	Hybrid Battery Pack Coolant Pump Control Performance
P0C4B	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit/Open
P0C4C	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit Low
P0C4D	Hybrid Battery Pack Coolant Pump Supply Voltage Circuit High
P0C4E	Drive Motor "A" Position Exceeded Learning Limit
P0C4F	Drive Motor "B" Position Exceeded Learning Limit
P0C50	Drive Motor "A" Position Sensor Circuit "A"
P0C51	Drive Motor "A" Position Sensor Circuit "A" Range/Performance
P0C52	Drive Motor "A" Position Sensor Circuit "A" Low
P0C53	Drive Motor "A" Position Sensor Circuit "A" High
P0C54	Drive Motor "A" Position Sensor Circuit "A" Intermittent/Erratic
P0C55	Drive Motor "B" Position Sensor Circuit "A"
P0C56	Drive Motor "B" Position Sensor Circuit "A" Range/Performance
P0C57	Drive Motor "B" Position Sensor Circuit "A" Low
P0C58	Drive Motor "B" Position Sensor Circuit "A" High
P0C59	Drive Motor "B" Position Sensor Circuit "A" Intermittent/Erratic
P0C5A	Drive Motor "A" Position Sensor Circuit "B"
P0C5B	Drive Motor "A" Position Sensor Circuit "B" Range/Performance

POC5C	Drive Motor "A" Position Sensor Circuit "B" Low
POC5D	Drive Motor "A" Position Sensor Circuit "B" High
POC5E	Drive Motor "A" Position Sensor Circuit "B" Intermittent/Erratic
POC5F	Drive Motor "B" Position Sensor Circuit "B"
POC60	Drive Motor "B" Position Sensor Circuit "B" Range/Performance
POC61	Drive Motor "B" Position Sensor Circuit "B" Low
POC62	Drive Motor "B" Position Sensor Circuit "B" High
POC63	Drive Motor "B" Position Sensor Circuit "B" Intermittent/Erratic
POC64	Generator Position Sensor Circuit "A"
POC65	Generator Position Sensor Circuit "A" Range/Performance
POC66	Generator Position Sensor Circuit "A" Low
POC67	Generator Position Sensor Circuit "A" High
POC68	Generator Position Sensor Circuit "A" Intermittent/Erratic
POC69	Generator Position Sensor Circuit "B"
POC6A	Generator Position Sensor Circuit "B" Range/Performance
POC6B	Generator Position Sensor Circuit "B" Low
POC6C	Generator Position Sensor Circuit "B" High
POC6D	Generator Position Sensor Circuit "B" Intermittent/Erratic
POC6E	Hybrid Battery Temperature Sensor "A"/"B" Correlation
POC6F	Hybrid Battery Temperature Sensor "B"/"C" Correlation
POC70	Hybrid Battery Temperature Sensor "C"/"D" Correlation
POC71	Hybrid Battery Temperature Sensor "D"/"E" Correlation
POC72	Hybrid Battery Temperature Sensor "E"/"F" Correlation
POC73	Motor Electronics Coolant Pump "A" Control Performance
POC74	Motor Electronics Coolant Pump "B" Control Performance
POC75	Hybrid Battery System Discharge Time Too Short
POC76	Hybrid Battery System Discharge Time Too Long
POC77	Hybrid Battery System Precharge Time Too Short

POC78	Hybrid Battery System Precharge Time Too Long
POC79	Drive Motor "A" Inverter Voltage Too High
POC7A	Drive Motor "B" Inverter Voltage Too High
POC7B	Generator Inverter Voltage Too High
POC7C	Hybrid Battery Temperature Sensor "G" Circuit
POC7D	Hybrid Battery Temperature Sensor "G" Range/Performance
POC7E	Hybrid Battery Temperature Sensor "G" Circuit Low
POC7F	Hybrid Battery Temperature Sensor "G" Circuit High
POC80	Hybrid Battery Temperature Sensor "G" Circuit Intermittent/Erratic
POC81	Hybrid Battery Temperature Sensor "H" Circuit
POC82	Hybrid Battery Temperature Sensor "H" Range/Performance
POC83	Hybrid Battery Temperature Sensor "H" Circuit Low
POC84	Hybrid Battery Temperature Sensor "H" Circuit High
POC85	Hybrid Battery Temperature Sensor "H" Circuit Intermittent/Erratic
POC86	Hybrid Battery Temperature Sensor "F"/"G" Correlation
POC87	Hybrid Battery Temperature Sensor "G"/"H" Correlation

Questions? Contact us.



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